



No. 23
7 JUNE 2003



UNITED STATES OF AMERICA

NOTICE TO MARINERS



Published Weekly by the
National Imagery and Mapping Agency

Prepared Jointly with the
National Ocean Service and U.S. Coast Guard

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Visit the Maritime Safety Information Division website at
<http://pollux.nss.nima.mil/>



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IMPORTANT INFORMATION

The Notice to Mariners is published by the National Imagery and Mapping Agency (NIMA), under the authority of Department of Defense Directive 5105.40, to advise mariners of important matters affecting navigational safety, including new hydrographic discoveries, changes in channels and navigational aids, etc. (U.S. Code Title 10, Sec. 442 and Title 44, Sec. 1336 refer). Nothing in the arrangement of information implies endorsement or acceptance by NIMA in matters affecting the status and boundaries of States and territories. The Notice to Mariners presents corrective information affecting charts, NIMA Hydrographic Products Catalog, Coast Pilots, Sailing Directions, Fleet Guides, USCG Light Lists, NIMA List of Lights, Radio Navigational Aids and other products produced by the National Imagery and Mapping Agency, National Ocean Service and U.S. Coast Guard.

Information for the Notice to Mariners is contributed by the following Agencies: National Imagery and Mapping Agency (NIMA) (Department of Defense) for waters outside the territorial limits of the United States; National Ocean Service (NOS) (Department of Commerce), which is charged with the surveys and charting of the coasts and harbors of the United States and its territories; the U.S. Coast Guard (USCG) (Department of Transportation), which is responsible for the safety of life at sea and the establishment and operation of aids to navigation; and the U.S. Army Corps of Engineers (Department of Defense), which is charged with the improvement of rivers and harbors of the United States. In addition, important contributions are made by foreign hydrographic offices and cooperating observers of all nationalities.

For further information concerning NIMA hydrographic products and services, including the Maritime Safety Information Website, users may contact:

<u>Name</u>	<u>Telephone</u>	<u>DSN</u>	<u>FAX</u>
Maritime Safety Information Division	301-227-5006	287-5006	301-227-5745
World-Wide Navigational Warning Service	301-227-3147	287-3147	301-227-3731
Fleet Liaison Officer	301-227-3120	287-3120	301-227-4211
Maritime Safety Information Website	301-227-3296	287-3296	301-227-4211
Notice to Mariners: Regions 1 and 2	301-227-3122	287-3122	301-227-3175
Notice to Mariners: Regions 3, 4, 5	301-227-3146	287-3146	301-227-3175
Notice to Mariners: Regions 6 thru 9	301-227-3146	287-3146	301-227-3175
Sailing Directions, Fleet Guides	301-227-3183	287-3183	301-227-3174
Navigation Science Publications	301-227-3120	287-3120	301-227-3731
Distribution Issues	301-227-7652	287-7652	301-227-4211

The Maritime Safety Information Website can be accessed directly at (<http://pollux.nss.nima.mil>). For your convenience NIMA provides three e-mail addresses. For information affecting Notice to Mariners use NavNotices@nima.mil, for information affecting Sailing Directions and all other navigational publications use SDPUBS@nima.mil, for information concerning the Maritime Safety Information Website, use webmaster_nss@nima.mil.

Mariners are requested to notify NIMA of discrepancies in charts and publications, using the Marine Information Report and Suggestion Sheet at the back of this Notice to Mariners. This form should also be used to report permanent changes, additions, or deletions from charted or published information. Reports which constitute an immediate hazard to navigation should be sent to the nearest NAVAREA Coordinator via coast radio stations. All reports are greatly appreciated. Marine Information Report and Suggestion sheets received during the past week were submitted by the following observers:

<u>Observer</u>	<u>Ship/Organization</u>
QMC(SW) Williams	USS CORMORANT

Cover Photo: The **USS HUE CITY (CG-66)** the first United States Ship to bear this name and only ship named after a battle in the Vietnam War, is the twentieth in the **TICONDEROGA** class of Aegis guided missile cruisers and the fourteenth to be built by Ingalls Shipbuilding in Pascagoula, Mississippi. Her mission is to conduct prompt and sustained combat operations at sea in support of a carrier battle group or amphibious assault group. **HUE CITY** was designed to defend against coordinated saturation attacks involving enemy surface ships, submarines, aircraft and missiles. Additionally, **HUE CITY** is able to engage in offensive actions against the enemy through employment of long-range anti-ship missiles, land attack missiles and gunfire. Commissioned 14 September 1991, the **HUE CITY** has a displacement of 9600 tons fully loaded, is 567 feet long, has a beam of 55 feet and a draft of 34 feet. She carries a crew of 340 Sailors, 27 Chief Petty Officers and 33 Officers. The homeport of the **USS HUE CITY** is Mayport, Florida.

INFORMATION
OF
SPECIAL INTEREST
OR
IMPORTANCE
TO
MARINERS

NM 23/03

HYDROGRAM

**National Imagery and Mapping Agency
Bethesda, MD 20816-5003**

SPECIAL
ANNOUNCEMENTS

NEW PRODUCTS
OR SERVICES

IMPORTANT
CHANGES

7 June 2003

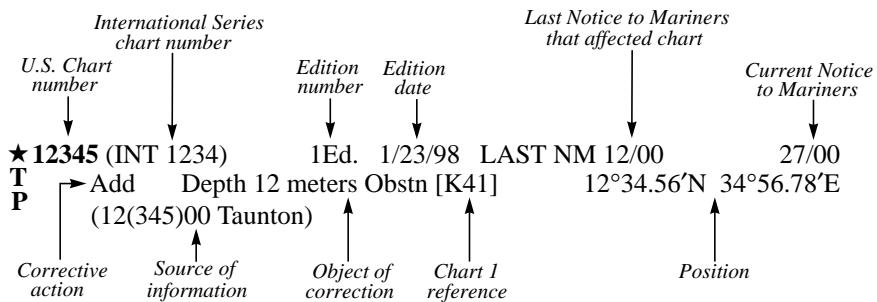
NEW EDITION OF COAST PILOT

U.S. COAST PILOT 6, GREAT LAKES, THIRTY-THIRD EDITION 2003, IS READY FOR ISSUE.
SEE SECTIONS II AND III.

EXPLANATION OF CONTENTS

The Notice to Mariners contains corrective information affecting nautical charts, the NIMA Hydrographic Products Catalog, Coast Pilots, Sailing Directions, Fleet Guides, USCG Light Lists, NIMA List of Lights, Radio Navigational Aids and other related nautical publications. The information contained in these corrections is important to safe navigation. It is the user's responsibility to decide which of their charts and publications require correction. Consult the U.S. Coast Guard Local Notice to Mariners for information pertaining to waterways within the United States that are not normally used by oceangoing vessels. Because of the sometimes transitory nature of aids to navigation, depths and port information, local area sources should be consulted whenever possible. This publication is not required to be maintained intact. Portions may be separated for correction or attachment to an affected product. The Notice to Mariners is divided into the following sections:

Section I-1 contains corrections to nautical charts listed in numeric order by chart number. Each chart correction listed applies only to that particular chart. Related charts, if any, will have their own specific correction listed separately. Users should also refer to U.S. Chart 1 Nautical Chart Symbols, Abbreviations and Terms for additional information pertaining to the correcting of charts. The illustration below describes the elements that comprise a typical chart correction:



A chart correction preceded by:

- ★ indicates that it is based upon original U.S. source information.
 - T indicates that it is temporary in nature.
 - P indicates that it is preliminary, and that permanent corrective action will appear in a future Notice to Mariners.
- The letter M immediately following the chart number indicates that the correction should be applied to the metric side of the chart only. The letter M is not a part of the chart number.
- The letter N preceding the current Notice to Mariners number indicates that the affected chart is on Limited Distribution and is normally only for use by U.S. Navy, government-owned or -chartered vessels.
- Courses and bearings are given in degrees true.
- Light sectors are expressed in degrees true from the vessel TOWARD the light.
- The visible range(s) listed for lights is normally the nominal range (the distance at which it can be seen in clear weather), expressed in nautical miles, except in the Great Lakes where it is expressed in statute miles.
- The colors of structures and lights of navigational aids are abbreviated in accordance with Chart 1.
- Section I-2*** contains all chartlets, depth tabulations and notes associated with the chart corrections in Section I-1. Chartlets and depth tabulations supersede all previous information portrayed.
- Section I-3** lists all NIMA and NOS charts which have been affected by Notice to Mariners and the notice numbers which have affected them since the date of the oldest Summary of Corrections or the chart's announcement, whichever is later.

Section II-1 is a weekly listing of corrections to the NIMA Hydrographic Products Catalog, including new charts and publications. It also contains the latest price category information.

Section II-2* contains corrections to navigation publications, including Sailing Directions, Coast Pilots, Fleet Guides, Radio Navigational Aids (Pub. 117), *The American Practical Navigator* and other related nautical publications.

Section II-3* lists weekly updates to the USCG Light Lists.

Section II-4* lists weekly updates to the NIMA List of Lights.

Section II-5 lists all NIMA, NOS and USCG navigation publications which have been affected by Notice to Mariners and the notice numbers which have affected them since the date of the publication's announcement.

Section III-1 lists the message number of all in-force Navigational Warnings, and the text of those warnings promulgated during the previous week. Notice to Mariners Nos. 13, 26 and 39 list a summary of all in-force Navigational Warnings for the preceding quarter. Notice to Mariners No. 52 lists a complete summary of all in-force Navigational Warnings.

Section III-2 contains miscellaneous information of particular interest to the maritime community.

*The left-hand pages of these sections are intentionally blank.

SECTION I CHART CORRECTIONS

NM 23/03

411	49Ed. 3/03 LAST NM 22/03 Delete Buoy (mooring) "TMB-1" (NTM0004/2003)	23/03 24°58'N 77°44'W	26°57.0'N 94°40.8'W 26°56.1'N 94°40.8'W
1115A	Ed. 10/02 LAST NM 19/03 Add Depth 34 fathoms enclosed by dashed-line circle with legend "Obstn" (NOS; US CH 11361)	23/03 28°49.6'N 89°24.9'W	
1116A	Ed. 11/02 LAST NM 22/03 Add Dashed-line circle enclosing depth 34 meters Obstn Submerged well (abandoned) (cov 690fms) [L20] "SAFETY ZONE 33 CFR 147.817 (see note A)" [N2.1] bound by purple composite line joining "SAFETY ZONE 33 CFR 147.819 (see note A)" [N2.1] bound by purple composite line joining Danger circle "Obstn" [K40] (PA) "SAFETY ZONE 33 CFR 147.821 (see note A)" [N2.1] bound by purple composite line joining "SAFETY ZONE 33 CFR 147.823 (see note A)" [N2.1] bound by purple composite line joining Platform [L10] Platform [L10] Note: Close NE of existing platform Submerged well (cov 12fms) [L20] Note: Platform close NE remains Submarine pipeline [L40.1] joining Platform [L10] Platform [L10] Platform [L10] (NOS; 11-13/03 CG8; US CH 11361)	23/03 28°49.6'N 89°24.9'W 27°23.3'N 89°55.1'W 28°01.8'N 90°01.7'W 28°02.4'N 90°01.7'W 28°02.4'N 90°01.0'W 28°01.8'N 90°01.0'W 28°50.7'N 90°18.5'W 27°46.5'N 90°31.4'W 27°47.0'N 90°31.4'W 27°47.0'N 90°30.8'W 27°46.5'N 90°30.8'W 27°47.4'N 90°39.2'W 27°48.0'N 90°39.2'W 27°48.0'N 90°38.5'W 27°47.4'N 90°38.5'W 28°53.0'N 91°56.3'W 28°47.7'N 92°03.9'W 28°47.8'N 92°53.1'W 27°46.9'N 93°19.2'W 27°50.4'N 93°19.3'W 27°47.4'N 93°11.3'W 28°43.9'N 93°29.9'W 28°42.5'N 93°15.7'W 28°02.8'N 94°17.1'W 28°53.2'N 95°14.3'W (See 41/02-1117A)	23/03 27°47.4'N 93°11.3'W 27°23.3'N 89°55.1'W 27°41.2'N 90°16.8'W 27°41.8'N 90°16.8'W 27°41.8'N 90°16.2'W 27°41.2'N 90°16.2'W 27°47.4'N 90°39.2'W 27°48.0'N 90°39.2'W 27°48.0'N 90°38.5'W 27°47.4'N 90°38.5'W 27°46.9'N 93°19.2'W 27°50.4'N 93°19.3'W 27°47.4'N 93°11.3'W 27°52.2'N 91°59.5'W 27°52.8'N 91°59.5'W 27°52.8'N 91°58.9'W 27°52.2'N 91°58.9'W 27°45.6'N 94°41.8'W 26°57.0'N 94°41.8'W 26°57.0'N 94°40.8'W 26°56.1'N 94°40.8'W (NOS; 13/03 CG8; US CH 11340)
1117A	Ed. 4/6/02 LAST NM 22/03 Delete Legend "Rep" at depth 7½ fathoms Obstn (See 41/02-1117A)	23/03 28°53.2'N 95°14.3'W	
11004	7Ed. 10/29/94 LAST NM 22/03 Substitute Platform [L10] for submerged well Add Submerged well (abandoned) (cov 1263m) [L20] "SAFETY ZONE 33 CFR 147.819 NOTE NO 1" [N2.1] bound by purple composite line joining "SAFETY ZONE 33 CFR 147.825 NOTE NO 1" [N2.1] bound by purple composite line joining "SAFETY ZONE 33 CFR 147.821 NOTE NO 1" [N2.1] bound by purple composite line joining "SAFETY ZONE 33 CFR 147.815 NOTE NO 1" [N2.1] bound by purple composite line joining Submarine pipeline [L40.1] joining "SAFETY ZONE 33 CFR 147.815 (see note A)" [N2.1] bound by purple composite line joining Legend "Rep" at depth 7½ fathoms Obstn (See 41/02-11300)	23/03 27°47.4'N 93°11.3'W 27°23.3'N 89°55.1'W 27°41.2'N 90°16.8'W 27°41.8'N 90°16.8'W 27°41.8'N 90°16.2'W 27°41.2'N 90°16.2'W 27°46.5'N 90°31.4'W 27°47.0'N 90°31.4'W 27°47.0'N 90°30.8'W 27°46.5'N 90°30.8'W 27°46.9'N 93°19.2'W 27°50.4'N 93°19.3'W 27°47.4'N 93°11.3'W 27°52.2'N 91°59.5'W 27°52.8'N 91°59.5'W 27°52.8'N 91°58.9'W 27°52.2'N 91°58.9'W 26°56.1'N 94°41.8'W 26°57.0'N 94°41.8'W 26°57.0'N 94°40.8'W 26°56.1'N 94°40.8'W (NOS; 13/03 CG8)	
11006	30Ed. 4/20/02 LAST NM 21/03 Add Submerged well (abandoned) (cov 690fms) [L20] (13/03 CG8)	23/03 27°23.3'N 89°55.1'W	
11013	44Ed. 1/19/02 LAST NM 22/03 Delete Buoy (mooring) "TMB-1" (NTM0004/2003)	23/03 24°57.9'N 77°44.2'W	
★11300	38Ed. 4/6/02 LAST NM 22/03 Delete Legend "Rep" at depth 7½ fathoms Obstn (See 41/02-11300)	23/03 28°53.2'N 95°14.3'W	
11308	22Ed. 11/02 LAST NM 10/03 (Side A) Relocate Light "2" from 27°49'07.5"N 97°13'06.7"W to 27°49'06.6"N 97°13'06.9"W (13/03 CG8)	23/03 28°02.8'N 94°17.1'W 28°52.5'N 95°16.4'W 28°50.0'N 95°14.1'W 28°45.6'N 95°16.3'W Note: Dangerous wreck (PA) close NE remains Platform [L10] "SAFETY ZONE 33 CFR 147.815 (see note A)" [N2.1] bound by purple composite line joining 26°56.1'N 94°41.8'W 26°57.0'N 94°41.8'W 26°57.0'N 94°40.8'W 26°56.1'N 94°40.8'W (NOS; 13/03 CG8)	

11310	1Ed. 9/25/99 LAST NM N22/03 Relocate Light "2" from 27°51'03.7"N 97°03'50.6"W to 27°51'04.4"N 97°03'50.3"W (12/03 CG8)	N23/03	Platform [L10] Platform [L10] (NOS; 11, 12/03 CG8)	28°43.9'N 93°29.9'W 28°42.5'N 93°15.7'W
★11312	3Ed. 10/20/01 LAST NM 22/03 Relocate Light "2" from 27°51'03.7"N 97°03'50.6"W to 27°51'04.4"N 97°03'50.3"W (12/03 CG8)	23/03	Relocate Light "5" from 30°00'53.0"N 93°45'34.4"W to 30°00'51.6"N 93°45'36.9"W (11/03 CG8)	23/03
★11317	29Ed. 2/16/02 LAST NM 21/03 Change Range light, front to Q 25ft, Q 27ft 5M 28°35'58"N 96°34'15"W Visibility (range) of light "77" to 3M 28°38'01"N 96°34'01"W (Inset) Change Range light, front to Q 25ft, Q 27ft 5M 28°35'59.0"N 96°34'14.9"W Visibility (range) of light "77" to 3M 28°38'01.1"N 96°34'01.6"W (See 16/03-11317) (12, 13/03 CG8)	23/03	Add Tabulation of controlling depths from Subsection I-2 (NOS)	23/03
11320	1Ed. 9/25/99 LAST NM N22/03 Relocate Light "2" from 27°51'01.8"N 97°03'47.3"W to 27°51'04.4"N 97°03'50.3"W (12/03 CG8)	N23/03	Add Dashed-line circle enclosing depth 34 meters Obstn Submerged well (abandoned) (cov 690fms) [L20]	23/03 28°49.6'N 89°24.9'W 27°23.3'N 89°55.1'W
★11321	29Ed. 12/15/01 LAST NM 45/02 Delete Legend "Rep" at depth 46 feet Obstn 28°53'11"N 95°14'16"W (See 41/02-11321)	23/03	"SAFETY ZONE 33 CFR 147.817 (see note A)" [N2.1] bound by purple composite line joining 28°01.8'N 90°01.7'W 28°02.4'N 90°01.7'W 28°02.4'N 90°01.0'W 28°01.8'N 90°01.0'W	23/03
	Substitute Depth 34 feet Wk [K26] for 47 feet 28°52'32"N 95°16'21"W		"SAFETY ZONE 33 CFR 147.819 (see note A)" [N2.1] bound by purple composite line joining 27°41.2'N 90°16.8'W 27°41.8'N 90°16.8'W 27°41.8'N 90°16.2'W 27°41.2'N 90°16.2'W	23/03
	Change Period of buoy "5" to 2.5s 28°55'06"N 95°16'51"W		Danger circle "Obstn" [K40] (PA) 28°50.7'N 90°18.5'W	
	Add Depth 58 feet Obstn [K41] Depth 57 feet Obstn [K41] Depth 56 feet Wk [K26] (NOS; 13/03 CG8)		"SAFETY ZONE 33 CFR 147.825 (see note A)" [N2.1] bound by purple composite line joining 27°46.5'N 90°31.4'W 27°47.0'N 90°31.4'W 27°47.0'N 90°30.8'W 27°46.5'N 90°30.8'W	
11322	28Ed. 3/03 LAST NM 20/03 (Side B) Change Period of buoy "5" to 2.5s 28°55'06.1"N 95°16'49.8"W (13/03 CG8)	23/03	"SAFETY ZONE 33 CFR 147.821 (see note A)" [N2.1] bound by purple composite line joining 27°47.4'N 90°39.2'W 27°48.0'N 90°39.2'W 27°48.0'N 90°38.5'W 27°47.4'N 90°38.5'W	
11323	59Ed. 3/30/02 LAST NM 20/03 Relocate Range light, front from 29°20'12"N 94°45'21"W to 29°20'11"N 94°45'19"W Note: Range bearing unchanged (11/03 CG8)	23/03	"SAFETY ZONE 33 CFR 147.823 (see note A)" [N2.1] bound by purple composite line joining 27°52.2'N 91°59.5'W 27°52.8'N 91°59.5'W 27°52.8'N 91°58.9'W 27°52.2'N 91°58.9'W	
★11324	32Ed. 3/16/02 LAST NM 21/03 Relocate Light "12" from 29°22'26.8"N 94°50'52.9"W to 29°22'28.2"N 94°50'55.1"W Light "14" from 29°22'39.8"N 94°51'51.7"W to 29°22'40.9"N 94°51'51.5"W Add Tabulation of controlling depths from Subsection I-2 (NOS; 11/03 CG8)	23/03	Platform [L10] Platform [L10] Note: Close NE of existing platform Submerged well (cov 12fms) [L20] Note: Platform close NE remains Submarine pipeline [L40.1] joining	28°53.0'N 91°56.3'W 28°47.7'N 92°03.9'W 27°46.9'N 93°19.2'W 27°50.4'N 93°19.3'W 27°47.4'N 93°11.3'W
11326	31Ed. 10/02 LAST NM 22/03 (Page C) Relocate Range light, front from 29°20'12"N 94°45'21"W to 29°20'11"N 94°45'19"W Note: Range bearing unchanged Light "9" from 29°22'07"N 94°49'50"W to 29°22'05"N 94°49'50"W (11, 12/03 CG8)	23/03	Platform [L10] Platform [L10] Platform [L10] (NOS; 11-13/03 CG8; US CH 11361)	28°43.9'N 93°29.9'W 28°42.5'N 93°15.7'W 28°02.8'N 94°17.1'W
★11330	14Ed. 11/02 LAST NM 22/03 Delete Legend "PA"	23/03	Add Tabulation of controlling depths from Subsection I-2 (NOS)	23/03
	Add Depth 34 feet Wk [K26] Depth 57 feet Obstns [K41] Depth 56 feet Wk [K26]		28°52.5'N 95°16.4'W 28°50.0'N 95°14.1'W 28°45.6'N 95°16.3'W	

SECTION I

NM 23/03

<p>★11342 51Ed. 9/30/00 LAST NM 21/03 Relocate Range light, front from 29°41'36.7"N 93°50'17.3"W to 29°41'37.1"N 93°50'17.5"W Note: Range bearing unchanged</p> <p>Add Tabulation of controlling depths from Subsection I-2 (NOS; 13/03 CG8)</p>	23/03	<p>★11364 39Ed. 11/02 LAST NM 21/03 Add Danger circle "Obstn" [K40] (PA) 29°55'47"N 89°59'16"W (13/03 CG8)</p>	23/03
<p>★11343 36Ed. 9/15/01 LAST NM 20/03 Relocate Light "5" from 30°00'53.2"N 93°45'34.4"W to 30°00'51.6"N 93°45'36.9"W (11/03 CG8)</p>	23/03	<p>★11366 7Ed. 9/02 LAST NM 21/03 Add Dashed-line circle "Obstn" enclosing depth 34 fathoms 28°49.6'N 89°24.9'W</p> <p>"SAFETY ZONE 33 CFR 147.817 (see note A)" [N2.1] bound by purple composite line joining 28°01.9'N 90°01.6'W 28°02.3'N 90°01.6'W 28°02.3'N 90°01.1'W 28°01.9'N 90°01.1'W (NOS; US CH 11361)</p>	23/03
<p>★11344 35Ed. 12/02 LAST NM 22/03 Relocate Light "8" from 29°43'37"N 93°00'31"W to 29°43'35"N 93°00'34"W</p> <p>Add Platform [L10] 29°16'55"N 93°00'16"W (11, 12/03 CG8)</p>	23/03	<p>11367 31Ed. 5/26/01 LAST NM 21/03 (Side B) Change Note to "NOTE E MISSISSIPPI RIVER GULF OUTLET The controlling depths from the intersection with the G.I.W.W. to the Inner Harbor Navigation Canal are as follows: Left quarter.....26 ft x 125 ft Middle half.....27 ft x 250 ft Right quarter.....28 ft x 125 ft Mar. 2003" 29°58'32"N 89°58'32"W (See 25/02-11367)</p>	23/03
<p>★11347 33Ed. 7/02 LAST NM 21/03 (Side A) Relocate Light "82" from 30°00'25.0"N 93°19'54.5"W to 30°00'26.7"N 93°19'53.7"W Light "86" from 30°02'28.3"N 93°19'41.4"W to 30°02'29.4"N 93°19'42.3"W</p> <p>(Side B, Inset 1) Relocate Range light, rear from 30°13'19.7"N 93°16'57.0"W to 30°13'13.8"N 93°16'55.5"W Note: Range bearing unchanged</p> <p>Add Purple dashed line (pipeline area limit) [L40.2] between 30°09'24.9"N 93°19'52.0"W 30°09'20.0"N 93°19'42.7"W</p> <p>Purple dashed line (pipeline area limit) [L40.2] between 30°09'30.0"N 93°19'44.8"W 30°09'25.7"N 93°19'31.4"W</p> <p>Legend "Pipeline Area" 30°09'23.0"N 93°19'39.0"W (NOS; 11, 13/03 CG8)</p>	23/03	<p>Add Danger circle "Obstn" [K40] (PA) 29°55'47.4'N 89°59'15.6'W (NOS; 13/03 CG8)</p>	23/03
<p>★11349 40Ed. 7/02 LAST NM 51/02 Delete Platform 29°16'17"N 92°22'14"W (11/03 CG8)</p>	23/03	<p>11368 22Ed. 7/02 LAST NM 21/03 (Continuation) Change Note to "NOTE E MISSISSIPPI RIVER GULF OUTLET The controlling depths from the intersection with the G.I.W.W. to the Inner Harbor Navigation Canal are as follows: Left quarter.....26 ft x 125 ft Middle half.....27 ft x 250 ft Right quarter.....28 ft x 125 ft Mar. 2003" 29°59'35"N 90°00'25"W (NOS)</p>	23/03
<p>★11351 38Ed. 3/03 LAST NM 22/03 Delete Platform 29°15'53"N 91°34'34"W (11/03 CG8)</p>	23/03	<p>★11370 23Ed. 9/22/01 LAST NM 21/03 (Side B) Relocate Range light, front from 30°12'45.2"N 91°05'47.8"W to 30°12'44.1"N 91°05'49.1"W</p>	23/03
<p>★11357 35Ed. 6/02 LAST NM 21/03 Add Danger circle "Obstn" [K40] (PA) 28°50'42"N 90°18'33"W (13/03 CG8)</p>	23/03	<p>Range light, rear from 30°12'51.0"N 91°05'41.2"W to 30°12'50.0"N 91°05'42.5"W</p> <p>Note: Range bearing unchanged (12/03 CG8)</p>	23/03
<p>11360 40Ed. 10/02 LAST NM 19/03 Add Depth 34 fathoms enclosed by dashed-line circle with legend "Obstn" 28°49.6'N 89°24.9'W (NOS; US CH 11361)</p>	23/03	<p>11372 30Ed. 11/02 LAST NM 19/03 (Side B) Relocate Light "53" from 30°19'01.0"N 89°03'21.0'W to 30°19'00.8"N 89°03'20.6'W (13/03 CG8)</p>	23/03
<p>★11361 70Ed. 4/03 LAST NM 21/03 Change Height of range light, front from 35ft to 20ft 28°54'35"N 89°25'55"W</p> <p>(Inset Head of Passes) Relocate Range light, front from 29°07'54.8"N 89°15'24.2"W to 29°07'56.3"N 89°15'24.6"W (See 21/03-11361) (11, 12/03 CG8)</p>	23/03	<p>★11373 42Ed. 6/02 LAST NM 21/03 Delete Position circle "Obstn" (PA) 30°13'06"N 88°30'04"W</p>	23/03
<p>11362 4Ed. 6/10/00 LAST NM N19/03 Add Depth 34 fathoms enclosed by dashed-line circle with legend "Obstn" 28°49.6'N 89°24.9'W (NOS; US CH 11361)</p>	N23/03	<p>Relocate Light "53" from 30°19'02"N 89°03'24"W to 30°19'01"N 89°03'21"W (NOS; 13/03 CG8)</p>	23/03
		<p>11374 31Ed. 8/02 LAST NM 20/03 (Side B) Add Legend "42 FT JUL 2002" 30°19'57"N 88°30'47"W (NOS)</p>	23/03

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★11375	35Ed. 8/02 LAST NM 20/03 Delete Position circle "Subm pile" (See 5/03-11375)	23/03 30°13'05.6"N 88°30'03.6"W	Buoy "2FDR" R, Fl R 3s (17/03 CG1)	40°45'39.4"N 73°57'18.2"W
	Add (NOS) Legend "42 FT JUL 2002"	30°19'57.0"N 88°30'47.0"W		
11376	48Ed. 12/1/01 LAST NM 22/03 Relocate Light "2" from 30°26'57"N 88°04'54"W to (13/03 CG8)	23/03 30°26'58"N 88°04'56"W		
★11377	4Ed. 4/6/02 LAST NM 22/03 Relocate Light "2" from 30°26'56.8"N (13/03 CG8)	23/03 88°04'54.0"W to 30°26'57.7"N 88°04'56.4"W		
11460	38Ed. 6/02 LAST NM 21/03 Change Light to Fl 20s 136ft 28M (14/03 CG7)	23/03 26°15.5'N 80°05.0'W		
★11466	35Ed. 6/3/00 LAST NM 21/03 (Left Panel) Change Light to Fl 20s 136ft 28M	23/03 26°15'33"N 80°04'51"W		
	(Right Panel) Change Light to Fl 20s 136ft 28M (14/03 CG7)	26°15'33"N 80°04'51"W		
11467	37Ed. 9/02 LAST NM 21/03 (Side A) Change Light to Fl 20s 136ft 28M (14/03 CG7)	23/03 26°15'33"N 80°04'50"W		
11469	5Ed. 5/19/01 LAST NM 21/03 Change Light to Fl 20s 136ft 28M (14/03 CG7)	23/03 26°15'33"N 80°04'51"W		
11479	4Ed. 9/27/97 LAST NM N6/03 Change Light to Fl 20s 136ft 28M (14/03 CG7)	N23/03 26°15.5'N 80°05.0'W		
★11537	34Ed. 4/03 LAST NM 21/03 Delete Buoy "59" Buoy "61" (See 21/03-11537)	23/03 34°10'17"N 77°57'35"W 34°11'49"N 77°57'27"W		
	Add Light "59" Fl G 4s 15ft 4M Light "61" Fl G 4s 16ft 3M (NTM0002/2003)	34°10'26"N 77°57'34"W 34°11'37"N 77°57'27"W		
11545	60Ed. 9/1/02 LAST NM 22/03 Add Tabulation of controlling depths from Subsection I-2 (NOS)	23/03		
★11547	35Ed. 3/30/02 LAST NM 22/03 Add Tabulation of controlling depths from Subsection I-2 (NOS)	23/03		
★12208	9Ed. 4/03 NEW EDITION (NOS)	23/03		
12327	96Ed. 11/02 LAST NM 19/03 Add Buoy "9A" G, Fl G 2.5s Buoy "8FDR" R, Fl R 3s Buoy "2FDR" R, Fl R 3s (17/03 CG1)	23/03 40°38'32"N 74°07'56"W 40°45'09"N 73°57'48"W 40°45'39"N 73°57'18"W		
★12333	32Ed. 10/02 LAST NM 18/03 Add Buoy "9A" G, Fl G 2.5s (17/03 CG1)	23/03 40°38'31.6"N 74°07'55.8"W		
★12335	39Ed. 12/8/01 LAST NM 8/03 Add Buoy "8FDR" R, Fl R 3s	23/03 40°45'08.5"N 73°57'48.0"W		
12339	43Ed. 7/15/00 LAST NM 5/02 Add Buoy "8FDR" R, Fl R 3s Buoy "2FDR" R, Fl R 3s (17/03 CG1)	23/03 40°45'08.5"N 73°57'48.0"W 40°45'39.4"N 73°57'18.2"W		
12354	39Ed. 12/15/01 LAST NM 10/03 Add Buoy Y, Fl Y 6s (Priv) (17/03 CG1)	23/03 41°13'35"N 72°14'19"W		
12363	39Ed. 7/15/00 LAST NM 6/03 Add Buoy Y, Fl Y 6s (Priv) (17/03 CG1)	23/03 40°59'17"N 73°26'38"W		
12364	34Ed. 3/03 LAST NM 20/03 (Page C) Add Buoy Y, Fl Y 6s (Priv) (17/03 CG1)	23/03 40°59'17"N 73°26'38"W		
★12365	26Ed. 3/24/01 LAST NM 6/03 Add Buoy Y, Fl Y 6s (Priv) (17/03 CG1)	23/03 40°59'17.0"N 73°26'37.7"W		
12372	31Ed. 8/02 LAST NM 6/03 (Page C) Add Buoy Y, Fl Y 6s (Priv) (17/03 CG1)	23/03 41°13'35"N 72°14'19"W		
★12378	14Ed. 1/13/01 LAST NM 13/03 (Left Panel) Add Tabulation of controlling depths from Subsection I-2	23/03		
13003	46Ed. 1/03 LAST NM 18/03 Relocate Superbuoy ODAS "44005" from 43°10.0'N 69°13.2'W to and delete legend "PA" (17/03 CG1)	23/03 43°11.3'N 69°11.0'W		
13006	30Ed. 7/02 LAST NM 21/03 Relocate Superbuoy ODAS "44005" from 43°10.2'N 69°13.0'W to and delete legend "PA" (17/03 CG1)	23/03 43°11.3'N 69°11.0'W		
13009	30Ed. 8/02 LAST NM 18/03 Relocate Superbuoy ODAS "44005" from 43°10.2'N 69°12.9'W to and delete legend "PA" (17/03 CG1)	23/03 43°11.3'N 69°11.0'W		
13205	36Ed. 4/14/01 LAST NM 5/03 Add Buoy Y, Fl Y 6s (Priv) (17/03 CG1)	23/03 41°13'35"N 72°14'19"W		
★13209	23Ed. 10/30/99 LAST NM 37/02 Add Buoy Y, Fl Y 6s (Priv) (17/03 CG1)	23/03 41°13'34.9"N 72°14'19.3"W		
★13260	38Ed. 4/27/02 LAST NM 21/03 Relocate Superbuoy ODAS "44005" from 43°10.3'N 69°12.5'W to and delete legend "PA" (17/03 CG1)	23/03 43°11.3'N 69°11.0'W		
13263	7Ed. 4/24/99 LAST NM N21/03 Relocate Superbuoy ODAS "44005" from 43°10.4'N 69°13.1'W to and delete legend "PA" (17/03 CG1)	N23/03 43°11.3'N 69°11.0'W		

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NM 23/03

★13301	20Ed. 3/1/97 LAST NM 51/02 Change Visibility (range) of light "21" to 7M (See 33/02-13301)	23/03 44°04'11"N 69°10'47"W	★19327 10Ed. 12/6/97 LAST NM 23/02 Delete Platform "Omega Phoenix" 23/03 19°51'00"N 156°05'00"W
	(Inset Thomaston) Change Light to "21" Fl 6s 14ft 7M (17/03 CG1)	44°04'11.2"N 69°10'47.2"W	Change Visibility (range) of light to 13M 19°38'16"N 156°00'05"W Add Danger circle "Obstn" [K40] (PA) 19°50'24"N 156°03'30"W (9/03 CG14)
★13307	10Ed. 10/27/01 LAST NM 52/01 Relocate Buoy "3" from 44°06'23.9"N 69°06'02.6"W to (17/03 CG1)	23/03 44°06'25.0"N 69°06'02.8"W	★19331 7Ed. 3/3/01 LAST NM 20/01 Change Visibility (range) of light to 13M 23/03 19°38'16.2"N 156°00'03.2"W (9/03 CG14)
15569	Ed. 7/10/87 LAST NM N11/88 Delete Depth 9.1 meters (ED) Depth 9.1 meters (ED) (3/7486)03 Ottawa	N23/03 69°20'26"N 81°41'34"W 69°20'10"N 81°40'17"W	★22344 6Ed. 9/01 NEW EDITION N23/03 (NIMA)
15570	Ed. 2/10/89 LAST NM N48/89 Delete Depth 9.1 meters (ED) Depth 9.1 meters (ED) (3/7486)03 Ottawa	N23/03 69°20'26"N 81°41'34"W 69°20'10"N 81°40'17"W	★22347 6Ed. 12/02 NEW EDITION N23/03 (NIMA)
17470	Ed. 2/4/83 LAST NM N7/01 Add Rock which covers and uncovers [K11] "Rep (2002)" (PA) (11(3738)02 Ottawa)	N23/03 52°53'01"N 128°31'24"W	★22401 4Ed. 8/01 NEW EDITION N23/03 (NIMA)
19002	9Ed. 3/1/97 LAST NM N16/03 Delete Platform "Omega Phoenix"	N23/03 19°51.0'N 156°05.0'W	22410 32Ed. 7/19/97 LAST NM 19/03 Change Light to Fl 10s 20M 23/03 (9/168)02 Valparaiso 53°10.2'S 70°54.3'W
	Change Visibility (range) of light to 13M	19°38.5'N 156°00.0'W	22421 4Ed. 9/15/87 LAST NM N11/03 Change Light to Fl 10s 18m 20M N23/03 (9/168)02 Valparaiso 53°10.2'S 70°54.3'W
	Add Danger circle "Obstn" [K40] (PA) (9/03 CG14)	19°50.4'N 156°03.5'W	22427 1Ed. 10/10/88 LAST NM N11/03 Change Light to Fl 5s 9m 7M N23/03 (9/166)02 Valparaiso 53°10.6'S 70°54.9'W
19004	36Ed. 8/25/01 LAST NM 51/02 Delete Light "Omega Phoenix"	23/03 19°51.0'N 156°05.0'W	22482 16Ed. 12/23/95 LAST NM 50/02 Change Light to Fl 5s 9m 7M 23/03 (9/166)02 Valparaiso 53°10'36.5"S 70°54'57.6" W
	Change Visibility (range) of light to 13M	19°38.2'N 156°00.0'W	26282 6Ed. 7/31/99 LAST NM 22/03 Delete Buoy (mooring) "TMB-1" 23/03 (NTM0004/2003) 24°57.9'N 77°44.2'W
	Add Danger circle "Obstn" [K40] (PA) (9/03 CG14)	19°50.4'N 156°03.5'W	★26308 5Ed. 3/15/03 LAST NM 22/03 Delete Buoy (mooring) "TMB-1" 23/03 (NTM0004/2003) 24°57.9'N 77°44.2'W
19007	16Ed. 2/12/94 LAST NM 16/03 Change Visibility (range) of light to 13M (9/03 CG14)	23/03 19°38.3'N 156°00.1'W	26320 5Ed. 8/29/92 LAST NM 22/03 Change Light to Fl 20s 41m 28M 23/03 (14/03 CG7) 26°15.5'N 80°05.0'W
19008	4Ed. 11/3/84 LAST NM 16/03 Change Visibility (range) of light to 13M (9/03 CG14)	23/03 19°38.3'N 156°00.1'W	27005 4Ed. 6/1/96 LAST NM 22/03 Delete Buoy (mooring) 23/03 (NTM0004/2003) 24°58'N 77°44'W
19009	4Ed. 2/16/85 LAST NM 16/03 Change Visibility (range) of light to 13M (9/03 CG14)	23/03 19°38.3'N 156°00.1'W	27060 2Ed. 2/3/96 LAST NM 22/03 Delete Buoy (mooring) "TMB-1" 23/03 (NTM0004/2003) 24°57.9'N 77°44.2'W
19010	17Ed. 8/02 LAST NM 51/02 Delete Light "Omega Phoenix"	23/03 19°51.0'N 156°05.0'W	36010 27Ed. 10/4/97 LAST NM 20/03 Change Legend to "Wells" 23/03 (18/2017)03 Taunton 54°00.3'N 3°46.1'W
	Change Visibility (range) of light to 13M	19°38.2'N 155°59.8'W	36120 9Ed. 2/8/97 LAST NM 16/03 Change Legend to "Wells" 23/03 (18/2017)03 Taunton 54°00.3'N 3°46.1'W
	Add Danger circle "Obstn" [K40] (PA) (9/03 CG14)	19°50.4'N 156°03.5'W	37000 (INT 140) 22Ed. 8/19/95 LAST NM 14/03 Delete RC 23/03 R Bn at light 51°21.6'N 3°11.3'E RC 51°09.4'N 2°43.0'E (16(132)01 Oostende) 51°14.3'N 2°55.9'E
19320	16Ed. 12/14/96 LAST NM 16/03 Delete Platform "Omega Phoenix"	23/03 19°51.0'N 156°05.0'W	
	Change Visibility (range) of light to 13M Height of light to 39ft (See 5/03-19320)	19°38.3'N 156°00.1'W 19°44.6'N 155°04.5'W	
	Add Danger circle "Obstn" [K40] (PA) (9/03 CG14)	19°50.4'N 156°03.5'W	
★19324	22Ed. 10/21/00 LAST NM 5/03 Change Height of light to 39ft (See 5/03-19324) (9/03 CG14)	23/03 19°44'34.2"N 155°04'30.4"W	

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37005	16Ed. 8/2/97 LAST NM 15/03 Add Dangerous wreck [K28] (5(87)03 's-Gravenhage)	23/03 54°02.2'N 4°45.9'E	Substitute (Plan B) Swept depth 10.7 meters Foul [K31] for 11.6 meters Foul 53°53'01.0"N 9°07'28.8"E Swept depth 13.6 meters Wk [K27] for 13.9 meters Wk 53°52'57.0"N 9°08'03.5"E (17(42, 46)03 Hamburg)	
37010	23Ed. 9/7/96 LAST NM 19/03 Delete R Bn from light	23/03 51°14.3'N 2°52.0'E	37244 11Ed. 2/1/97 LAST NM 26/02 Substitute Foul ground symbol [K31] for 17 meter Wk 51°22.1'N 2°34.4'E	
	Add Dangerous wreck [K28] (5(87)03 's-Gravenhage; 16(132)01 Oostende)	54°02.2'N 4°45.9'E	Change Characteristic of buoy "Br and W S 1" to Fl(2+1) Y 10s 51°26.8'N 3°02.9'E	
37120	2Ed. 3/22/97 LAST NM 21/03 Delete R Bn R Bn at light R Bn Depth 4.4 meters Wk	23/03 51°21.6'N 3°11.3'E 51°09.4'N 2°43.0'E 51°14.3'N 2°55.9'E 51°13.4'N 2°51.4'E	Add Buoy (wavemeter) "Tear W" Y, spherical, "X" topmark, Fl(5) Y 20s 51°23.5'N 3°02.8'E (10(102), 12(114), 15(125), 26(173)01 Oostende)	
	Substitute Foul ground symbol [K31] for 17 meters Wk	51°22.1'N 2°34.4'E		
	Change Characteristic of buoy "Br and W S 1" to Fl(2+1) Y 10s	51°26.8'N 3°02.9'E (10(102), 16(132), 26(172, 173)01 Oostende)		
37129	6Ed. 5/31/97 LAST NM 20/03 Delete R Bn at light RC Depth 4.4 meters Wk	23/03 51°09'21.0"N 2°43'00.0"E 51°14'19.0"N 2°55'52.3"E 51°13'22.2"N 2°51'25.2"E	37248 18Ed. 2/14/98 LAST NM 21/03 Delete RC RC Depth 4.4 meters Wk	23/03 51°21'36.0"N 3°11'16.0"E 51°14'19.0"N 2°55'52.3"E 51°13'22.2"N 2°51'25.2"E
	Substitute Foul ground symbol [K31] for 17 meters Wk	51°22'08.0"N 2°34'26.0"E	Substitute Foul ground symbol [K31] for 9.4 meters Wk 51°22'50.0"N 3°19'10.0"E	
	Add Depth 16.5 meters Obstn [K41]	51°24'17.4"N 2°40'34.2"E	Change Characteristic of buoy "Br and W S 1" to Fl(2+1) Y 10s 51°26'45.0"N 3°02'54.0"E	
	(Plan A) Delete R Bn at light	51°09'21.0"N 2°43'00.0"E	Add Depth 16.5 meters Obstn [K41] 51°24'17.4"N 2°40'34.2"E	
	(Plan B) Delete RC	51°14'19.0"N 2°55'52.0"E (10(104), 16(132), 26(172, 173)01 Oostende)	Buoy (wavemeter) "Tear E" Y, spherical, "X" topmark, Fl(5) Y 20s 51°24'10.2"N 3°18'17.4"E Buoy (wavemeter) "Tear W" Y, spherical, "X" topmark, Fl(5) Y 20s 51°23'31.8"N 3°02'45.0"E	
			(Plan A) Delete RC	
37164	4Ed. 1/25/97 LAST NM 15/02 (Panel A) Add Buoy YBY, pillar, double cone topmark points together, VQ(9) 10s	23/03 52°16'10"N 4°17'45"E (7(108)03 's-Gravenhage)	51°21'36.0"N 3°11'16.0"E (10(102, 104), 12(114), 15(125), 16(132), 19(125), 26(172, 173)01 Oostende)	
37165	2Ed. 2/3/96 LAST NM 21/03 Delete Foul ground symbol	23/03 54°02.3'N 8°13.1'E	★42003 Ed. 3/26/93 CHART CANCELED (NIMA) N23/03	
	Relocate Buoy "Suderpiep" from 54°06.0'N 8°22.0'E to 54°05.8'N 8°25.7'E		★42004 1Ed. 9/7/02 NEW CHART (NIMA) N23/03	
	Add Dangerous wreck with legend "(marked by buoys)"	54°02.2'N 4°45.9'E (5(87)03 's-Gravenhage; 13(44)03 Hamburg)	43375 7Ed. 8/22/92 LAST NM 18/03 Delete Dashed line and legend "TRAFFIC REGULATIONS-SEE NOTE" between 58°13'18"N 11°08'42"E 58°10'26"N 11°22'23"E	
			Change Note to "TRAFFIC REGULATIONS The Uddevalla Reporting and Information System covers the area bound by Vajern, Sejebaden, Pilot station VLCC Brofjorden, Hatteberget Light, Salo Light and St. Kalven Light. The reporting system is mandatory for vessels greater than 300 GRT, vessels greater than 50 meters in length and towing vessels where the length, including the tow, is greater than 50 meters. Vessels must report to the appropriate station at various times when within the system and must maintain a continuous listening watch on VHF channel 11. See Sailing Directions for further details." 58°46'00"N 11°23'00"E	
37221	13Ed. 2/3/96 LAST NM 21/03 Delete Foul ground symbol	23/03 54°02.3'N 8°13.1'E	Add Dashed line between 58°13'18"N 11°08'42"E 58°01'00"N 11°19'25"E	
	Relocate Buoy "Suderpiep" from 54°06.0'N 8°22.0'E to 54°05.8'N 8°25.7'E (13(44)03 Hamburg)		Legend "TRAFFIC REGULATIONS-SEE NOTE" 58°07'20"N 11°13'30"E (44(1024)00 Norrkoping)	
37224	11Ed. 9/18/99 LAST NM 22/03 Delete Buoy (13(91)03 Hamburg)	23/03 53°21'17"N 6°58'54"E	43384 1Ed. 9/14/91 LAST NM 18/03 Delete Dashed line and legend "TRAFFIC REGULATIONS-SEE NOTE" between 58°13'18"N 11°08'42"E 58°10'26"N 11°22'23"E	
37226	17Ed. 12/27/97 LAST NM 21/03 Delete Foul ground symbol	23/03 54°02'16"N 8°13'08"E		
	Relocate Buoy "Suderpiep" from 54°06'00"N 8°21'54"E to (13(44)03 Hamburg)	54°05'49"N 8°25'42"E		
37228	14Ed. 7/25/98 LAST NM 14/03 Substitute Swept depth 10.7 meters Foul [K31] for 11.6 meters Foul 53°52'59.0"N 9°07'25.0"E Swept depth 13.6 meters Wk [K27] for 13.9 meters Wk 53°52'55.0"N 9°07'59.0"E	23/03		

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NM 23/03

43384 (Continued)				
Change	Note in left upper margin of chart to “TRAFFIC REGULATIONS			
	The Uddevalla Reporting and Information System covers the area bound by Vajern, Sejebaden, Pilot station VLCC Brofjorden, Hatteberget Light, Salo Light and St. Kalven Light. The reporting system is mandatory for vessels greater than 300 GRT, vessels greater than 50 meters in length and towing vessels where the length, including the tow, is greater than 50 meters. Vessels must report to the appropriate station at various times when within the system and must maintain a continuous listening watch on VHF channel 11. See Sailing Directions for further details.”			
Add	Dashed line between	58°13'18"N 11°08'42"E 58°08'00"N 11°13'20"E		
	Legend “TRAFFIC REGULATIONS-SEE NOTE”	58°09'30"N 11°12'00"E		
Add	(Plan B) Buoy Y, spar	58°20'52.6"N 11°54'22.5"E		
	(44(1024, 1025)00 Norrkoping)			
43385	1Ed. 8/22/92 LAST NM 20/03	23/03		
Change	Lines 1-2 of NOTE to “Traffic regulations for Marstrand (area bound by St. Kalven-Salo-Hatteberget-Pilot station VLCC Brofjorden-Sejebaden-Vajern) apply to vessels exceeding 300 GRT”	58°00'20"N 11°54'30"E		
Add	Dashed line joining	58°10'00"N 11°11'30"E 57°51'46"N 11°27'33"E 57°50'00"N 11°33'27"E		
	Legend “TRAFFIC REGULATIONS-SEE NOTE”	57°50'48"N 11°30'30"E		
	Legend “TRAFFIC REGULATIONS-SEE NOTE”	57°57'00"N 11°22'30"E		
	Legend “TRAFFIC REGULATIONS-SEE NOTE”	58°03'30"N 11°17'00"E		
	(44(1024)00 Norrkoping)			
44001	2Ed. 10/19/96 LAST NM 20/03	23/03		
Add	Depth 19.3 meters, blue tint and enclosing depth contour (20-meter) centered	57°44.1'N 22°02.7'E		
	(12(57)01 Riga)			
44036	5Ed. 8/31/96 LAST NM 20/03	23/03		
Add	Dashed line joining	58°05'58"N 11°15'00"E 57°51'48"N 11°27'30"E 57°48'54"N 11°37'12"E 57°48'40"N 11°37'54"E		
	Legend “TRAFFIC REGULATIONS-SEE NOTE”	58°00'00"N 11°20'00"E		
	Legend “TRAFFIC REGULATIONS-SEE NOTE”	57°50'00"N 11°33'00"E		
	Note	“TRAFFIC REGULATIONS		
	Traffic regulations for Marstrand (area bound by St. Kalven-Salo-Hatteberget-Pilot station VLCC Brofjorden-Sejebaden-Vajern) apply to vessels exceeding 300 GRT or 50m in length and vessels engaged in towage where the vessel and tow exceeds 50m in length. The report is to be made to MARSTRAND VESSEL TRAFFIC SERVICE on channel 11. See Sailing Directions for further details.”	57°57'30"N 11°33'30"E		
	(44(1024)00 Norrkoping)			
44040	23Ed. 7/20/96 LAST NM 22/03	23/03		
	(Plan B)			
Add	Chartlet, depicting changes in hydrography and topography, from Subsection I-2	57°26'00.0"N 10°33'00.0"E		
	(34(264)02 Kobenhavn; Dan CH 101)			
44041	7Ed. 4/3/93 LAST NM 20/03	23/03		
Change	Line 4 of RADIO REPORTING Note to “CONTROL CENTER on channel 13 and MARSTRAND VESSEL TRAFFIC SERVICE on channel 11.”	57°53'12"N 11°52'00"E		
Add	Purple dashed line joining	57°56'30"N 11°23'24"E 57°51'48"N 11°27'30"E 57°48'54"N 11°37'12"E 57°46'48"N 11°43'25"E		
	Legend “RADIO REPORTING-SEE NOTE”	57°54'30"N 11°25'00"E		
	Legend “RADIO REPORTING-SEE NOTE”	57°50'00"N 11°33'00"E		
	(44(1024)00 Norrkoping)			
44069	16Ed. 3/15/97 LAST NM 22/03	23/03		
Delete	Buoy (17(36)03 Hamburg)	53°59.7'N 10°48.1'E		
44075	4Ed. 4/25/98 LAST NM 13/03	23/03		
Delete	Buoy	53°59'44"N 10°48'09"E		
	(Plan C)			
Delete	Buoy (17(36)03 Hamburg)	53°59'44.4"N 10°48'09.0"E		
44120	7Ed. 2/22/97 LAST NM 22/03	23/03		
Delete	HORN from light (40(547)02 Norrkoping)	55°33.5'N 14°21.6'E		
44140	8Ed. 7/20/96 LAST NM 21/03	23/03		
Add	Submarine cable (power) [L31.1] between	56°21.6'N 16°24.4'E 56°20.7'N 16°17.0'E		
	(44(1011)00 Norrkoping)			
44192	1Ed. 12/18/93 LAST NM 18/03	23/03		
Add	Rock awash [K12] (44(1016)00 Norrkoping)	59°16'34"N 17°30'25"E		
44207	1Ed. 11/22/86 LAST NM 19/03	23/03		
	(Plan B)			
Substitute	Light F Bu for beacon	60°56'02.8"N 17°08'49.8"E		
	Light F Bu for beacon	60°56'02.0"N 17°08'45.8"E		
	Light F Bu for beacon	60°56'11.4"N 17°08'54.2"E		
	Light F Bu for beacon	60°56'11.4"N 17°08'51.5"E		
	(44(1000)00 Norrkoping)			
44400	4Ed. 9/7/96 LAST NM 19/03	23/03		
Delete	Depth 20 meters	57°46.1'N 22°05.0'E		
	Depth 18 meters	57°44.1'N 22°03.0'E		
Add	Depth 21.9 meters	57°46.1'N 22°04.4'E		
	Depth 19.3 meters, blue tint and enclosing depth contour (20-meter) centered	57°44.1'N 22°02.7'E		
	(12(57)01 Riga)			
44410	4Ed. 2/8/97 LAST NM 15/03	23/03		
Delete	Depth 20 meters	57°46.1'N 22°05.0'E		
	Depth 18 meters	57°44.1'N 22°03.0'E		
Add	Depth 21.9 meters	57°46.1'N 22°04.4'E		
	Depth 19.3 meters, blue tint and enclosing depth contour (20-meter) centered	57°44.1'N 22°02.8'E		
	(12(57)01 Riga)			
52062	7Ed. 9/23/00 LAST NM 12/03	23/03		
Change	Shape of buoy to spar	37°34'35.4"N 0°58'42.6"W		
	Shape of buoy to spar	37°34'45.6"N 0°58'42.6"W		
	Shape of buoy to spherical	37°34'39.3"N 0°58'36.3"W		
	Shape of buoy to spherical	37°34'39.9"N 0°58'38.7"W		
	Shape of buoy to spherical (See 12/03-52062)	37°34'38.4"N 0°58'39.0"W		
	(9(164)03 Cadiz; Spn LL)			

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52121	8Ed. 8/12/95 LAST NM 16/03 Add Submarine pipeline [L41.1] between	23/03 41°07'40"N 1°20'49"E 41°06'51"N 1°21'20"E	Submarine cable [L30.1] between 33°42'29.8"S 18°26'33.1"E 33°45'29.4"S 18°15'20.0"E (125, 27)03 Cape Town)
	(Plan) Add Submarine pipeline [L41.1] between	41°06'39.0"N 1°15'14.4"E 41°06'10.8"N 1°15'30.0"E (See 7/00-52121) (9165), 10(176)03 Cadiz	
52142	2Ed. 9/9/95 LAST NM 18/03 (Plan) Change Light to Fl(2) G 7s 12m 1M	23/03 38°54'46.5"N 1°26'37.0"E 38°54'46.3"N 1°26'24.9"E 38°54'47.9"N 1°26'20.7"E (46801)02 Cadiz; Spn LL)	
52144	5Ed. 12/25/93 LAST NM 21/03 (Plan) Add Light Fl(2) R 7s 6m 1M	23/03 39°32'49.6"N 2°37'47.4"E 39°32'54.7"N 2°37'56.8"E (10177)03 Cadiz; Spn LL)	
53089	4Ed. 4/30/94 LAST NM 22/03 Change Light to Fl R 4s 7m 6M	23/03 (2520)01 Brest)	43°16'17.2"N 6°35'10.0"E
54341	4Ed. 11/26/94 LAST NM 32/01 Change Height of light to 12m	23/03 (5128)01 Athens)	37°21'09"N 23°04'00"E
57035	10Ed. 5/3/97 LAST NM 12/03 Delete Light	23/03 (127)03 Cape Town)	33°57.4"S 18°24.0"E
57260	3Ed. 6/1/96 LAST NM 17/99 Add Submarine cable [L30.1] between	23/03 8°47.3"S 12°39.8"E 8°43.6"S 13°20.0"E (125)03 Cape Town)	
57261	2Ed. 11/22/97 LAST NM 17/99 Add Submarine cable [L30.1] between	23/03 8°44'56"S 13°05'02"E 8°43'34"S 13°20'01"E (125)03 Cape Town)	
57262	4Ed. 9/27/97 LAST NM 17/99 Add Submarine cable [L30.1] between	23/03 8°44'04.4"S 13°14'31.0"E 8°44'17.9"S 13°12'01.5"E (125)03 Cape Town)	
57381	12Ed. 7/12/97 LAST NM 16/03 (Plan) Add Light Fl G 3s to buoy "15"	23/03 22°56'32.4"S 14°29'45.6"E 22°57'07.2"S 14°29'16.3"E 22°57'16.0"S 14°29'09.1"E (See 16/03-57381) (126)03 Cape Town)	
57480	8Ed. 9/21/96 LAST NM 15/03 Delete Light	23/03 33°57.4"S 18°24.2"E 34°10.3"S 18°17.0"E	
	Add Submarine cable [L30.1] joining	33°50.3"S 17°13.9"E 33°42.5"S 18°26.6"E 34°00.4"S 17°19.6"E (125, 27, 28)03 Cape Town)	
57484	19Ed. 5/31/97 LAST NM 15/03 Delete Light "UPPER STATION"	23/03 33°57'26.0"S 18°24'12.0"E	
	Add Submarine cable [L30.1] between	33°43'43.6"S 18°15'20.0"E 33°42'29.7"S 18°26'33.1"E	
			Open-outlined arrow indicating flow of traffic [M10] oriented 155° Open-outlined arrow indicating flow of traffic [M10] oriented 120° Open-outlined arrow indicating flow of traffic [M10] oriented 300° Open-outlined arrow indicating flow of traffic [M10] oriented 335° Note: The above Traffic Separation Scheme has been adopted by IMO and will become effective at 0001 GMT on 1 July 2003 (NTM0017/2003)
			P 62110 9Ed. 8/5/00 LAST NM 4/02 Add Purple heavy dashed line (outside limit of traffic lane) joining 13°37'24"N 42°29'56"E 13°29'49"N 42°33'53"E 13°25'13"N 42°41'03"E Purple heavy dashed line (outside limit of traffic lane) joining 13°40'49"N 42°36'54"E 13°34'04"N 42°40'23"E 13°30'15"N 42°45'11"E Purple tint area (traffic separation zone) bound by limit joining 13°38'20"N 42°31'47"E 13°30'57"N 42°35'36"E 13°26'37"N 42°42'11"E 13°29'07"N 42°44'13"E 13°33'12"N 42°39'05"E 13°40'09"N 42°35'30"E Open-outlined arrow indicating flow of traffic [M10] oriented 154° Open-outlined arrow indicating flow of traffic [M10] oriented 123° Open-outlined arrow indicating flow of traffic [M10] oriented 309° Open-outlined arrow indicating flow of traffic [M10] oriented 333° Purple heavy dashed line (outside limit of traffic lane) between 13°57'58"S 42°49'57"E 14°00'52"N 42°49'13"E Purple heavy dashed line (outside limit of traffic lane) between 13°58'56"S 42°53'50"E 14°00'52"N 42°53'21"E

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P 62110 (Continued)

Purple tint area (traffic separation zone) bound by limit joining		14°00'52"N 42°50'20"E 13°58'13"N 42°51'00"E 13°58'33"N 42°52'18"E 14°00'52"N 42°51'43"E	12°37.5'N 43°21.0'E 13°13.8'N 43°03.6'E
Open-outlined arrow indicating flow of traffic [M10] oriented 166°		13°59'12"N 42°50'12"E	Open-outlined arrow indicating flow of traffic [M10] oriented 155° 13°08.0'N 43°04.0'E
Open-outlined arrow indicating flow of traffic [M10] oriented 346°		13°59'48"N 42°52'24"E	Open-outlined arrow indicating flow of traffic [M10] oriented 120° 13°34.5'N 43°23.5'E
Note: The above Traffic Separation Schemes have been adopted by IMO and will become effective at 0001 GMT on 1 July 2003			Open-outlined arrow indicating flow of traffic [M10] oriented 300° 12°36.5'N 43°24.5'E
(NTM0017/2003)			Open-outlined arrow indicating flow of traffic [M10] oriented 335° 13°08.0'N 43°09.0'E
			Note: The above Traffic Separation Schemes have been adopted by IMO and will become effective at 0001 GMT on 1 July 2003
			(NTM0017/2003)
P 62290	3Ed. 2/23/91 LAST NM 21/03	23/03	
Delete	Purple heavy dashed lines (2), purple tint area (traffic separation zone), purple open-outlined arrow symbols (6) in vicinity	12°44.0'N 43°18.0'E	P 62295 3Ed. 4/20/96 LAST NM 21/03 23/03
Add	Purple heavy dashed line (outside limit of traffic lane) joining	14°06.5'N 42°45.0'E 14°01.9'N 42°48.9'E 13°58.0'N 42°50.0'E	Add Purple heavy dashed line (outside limit of traffic lane) joining 14°06'29"N 42°44'59"E 14°01'56"N 42°48'56"E 13°57'58"N 42°49'57"E
	Purple heavy dashed line (outside limit of traffic lane) joining	14°09.4'N 42°48.4'E 14°04.9'N 42°52.4'E 13°58.9'N 42°53.8'E	Purple heavy dashed line (outside limit of traffic lane) joining 14°09'24"N 42°48'25"E 14°04'53"N 42°52'21"E 13°58'56"N 42°53'50"E
	Purple tint area (traffic separation zone) bound by limit joining	14°07.3'N 42°46.0'E 14°02.8'N 42°49.9'E 13°58.2'N 42°51.0'E 13°58.6'N 42°52.3'E 14°03.8'N 42°51.0'E 14°08.3'N 42°47.1'E	Purple tint area (traffic separation zone) bound by limit joining 14°07'17"N 42°45'58"E 14°02'46"N 42°49'51"E 13°58'13"N 42°51'00"E 13°58'33"N 42°52'18"E 14°03'46"N 42°51'00"E 14°08'16"N 42°47'06"E
	Open-outlined arrow indicating flow of traffic [M10] oriented 140°	14°05.0'N 42°47.5'E	Open-outlined arrow indicating flow of traffic [M10] oriented 140° 14°04'45"N 42°47'10"E
	Open-outlined arrow indicating flow of traffic [M10] oriented 166°	14°00.0'N 42°50.0'E	Open-outlined arrow indicating flow of traffic [M10] oriented 166° 13°59'30"N 42°50'00"E
	Open-outlined arrow indicating flow of traffic [M10] oriented 346°	14°01.0'N 42°52.5'E	Open-outlined arrow indicating flow of traffic [M10] oriented 346° 14°01'30"N 42°52'30"E
	Open-outlined arrow indicating flow of traffic [M10] oriented 320°	14°06.0'N 42°50.0'E	Open-outlined arrow indicating flow of traffic [M10] oriented 320° 14°06'30"N 42°49'30"E
	Purple heavy dashed line (outside limit of traffic lane) joining	13°37.4'N 42°29.9'E 13°29.8'N 42°33.9'E 13°25.2'N 42°41.1'E	Note: The above Traffic Separation Scheme has been adopted by IMO and will become effective at 0001 GMT on 1 July 2003
	Purple heavy dashed line (outside limit of traffic lane) joining	13°40.8'N 42°36.9'E 13°34.1'N 42°40.4'E 13°30.3'N 42°45.2'E	(NTM0017/2003)
	Purple tint area (traffic separation zone) bound by limit joining	13°38.3'N 42°31.8'E 13°31.0'N 42°35.6'E 13°26.6'N 42°42.2'E 13°29.1'N 42°44.2'E 13°33.2'N 42°39.1'E 13°40.2'N 42°35.5'E	★62434 9Ed. 12/8/01 LAST NM 21/03 23/03
	Open-outlined arrow indicating flow of traffic [M10] oriented 154°	13°34.8'N 42°32.5'E	Delete Buoy "14" 29°38'26"N 48°50'06"E Buoy 29°55'51"N 48°17'09"E (See 18/03-62434)
	Open-outlined arrow indicating flow of traffic [M10] oriented 123°	13°27.0'N 42°40.0'E	Substitute Depth 2 meters Wk [K26] (ED) for dangerous wreck 29°39'14"N 48°42'08"E
	Open-outlined arrow indicating flow of traffic [M10] oriented 309°	13°31.0'N 42°42.5'E	Change Characteristic of buoy "19" to Fl(2) G 5s 29°55'22"N 48°17'51"E (See 21/03-62434)
	Open-outlined arrow indicating flow of traffic [M10] oriented 333°	13°36.5'N 42°38.0'E	Add Buoy "14" R, can 29°38'13"N 48°50'12"E (NTM0012/2003; BA CH 1235)
	Purple heavy dashed line (outside limit of traffic lane) joining	13°11.9'N 43°01.7'E 12°35.8'N 43°19.0'E 12°31.3'N 43°27.0'E	★62437 9Ed. 9/5/98 LAST NM 21/03 23/03
	Purple heavy dashed line (outside limit of traffic lane) joining	13°15.0'N 43°04.7'E 12°38.5'N 43°22.2'E 12°34.7'N 43°29.0'E	Delete Buoy 30°01'15.0"N 48°11'12.0"E Buoy "No 23" 30°00'10.0"N 48°12'58.0"E
	Purple tint area (traffic separation zone) bound by limit joining	13°13.1'N 43°02.9'E 12°36.8'N 43°20.2'E 12°32.5'N 43°27.8'E 12°33.4'N 43°28.3'E	Relocate Buoy "No 28" from 30°01'57.0"N 48°05'21.0"E to 30°01'55.0"N 48°05'29.0"E Buoy "No 29" from 30°02'12.0"N 48°05'18.0"E to 30°02'10.0"N 48°05'29.5"E Buoy "No 31" from 29°59'48.0"N 48°01'08.0"E to 29°59'51.0"N 48°01'08.0"E (See 46/02-62437)
			Change Characteristic of buoy "No 21" to Fl G 3s 29°57'47.0"N 48°15'09.0"E Designation of buoy "No 8" to "No 24" 30°00'39.0"N 48°11'05.5"E (See 21/03-62437)
			Add Period 10s to buoy "No 26" 30°01'40.0"N 48°07'20.0"E Designation "No 24A" to buoy 30°01'30.0"N 48°09'21.0"E
			Buoy "23" G, conical, Fl(3) G 15s 30°00'07.0"N 48°12'44.0"E

(continued on next page)

62437	(Continued) (Inset)		
Delete	Buoy "C"	29°59'55.0"N 47°58'44.0"E	6°18.5"S 105°33.3"E 6°24.8"S 104°41.4"E
Relocate	Buoy "No 31" from 29°59'48.0"N 48°01'08.0"E to	29°59'51.0"N 48°01'08.0"E	Purple dashed line with legend "ASL (see Note)" between 1°40.0"N 105°10.7"E 0°50.0"N 106°16.3"E
Change	Designation of buoy "B" to "No 33" and delete light	30°00'08.5"N 47°58'41.0"E	Note from Subsection I-2 (NTM0009/2003) 4°20.0"S 104°50.0"E
	Designation of buoy "No 33" to "No 35" 30°00'15.8"N 47°58'02.0"E		
	Characteristic of buoy "No 36" to Fl(3) R 12s 30°00'02.0"N 47°57'59.0"E		
	Designation of buoy "A" to "No 37" 30°00'46.0"N 47°57'40.0"E and delete light		
	(NTM0012/2003)		
62590	2Ed. 5/29/99 LAST NM 21/03	23/03	
Change	Characteristic of buoy "19" to Fl(2) G 5s 29°55'22"N 48°17'51"E		
	Characteristic of buoy "No 21" to Fl G 3s 29°57'47"N 48°15'09"E (See 21/03-62590)		
Add	Legend "ED" to depth 2 meters Wk	29°39'14"N 48°42'08"E	
	(NTM0012/2003; BA CH 1235)		
62591	3Ed. 5/29/99 LAST NM N21/03	N23/03	
Change	Characteristic of buoy "19" to Fl(2) G 5s 29°55'22"N 48°17'51"E		
	Characteristic of buoy "No 21" to Fl G 3s 29°57'47"N 48°15'09"E (See N21/03-62591)		
Add	Legend "ED" to depth 2 meters Wk	29°39'14"N 48°42'08"E	
	(NTM0012/2003; BA CH 1235)		
71005	1Ed. 1/25/92 LAST NM 16/03	23/03	
Add	Stranded wreck [K24] (50(413)02 Jakarta)	5°47.9"N 97°44.9"E	
71006	5Ed. 5/8/99 LAST NM 39/02	23/03	
Add	Stranded wreck [K24] (50(413)02 Jakarta)	5°47.9"N 97°44.9"E	
71015	4Ed. 4/1/89 LAST NM 48/01	23/03	
Add	Purple dashed line with legend "ASL (see Note)" between	6°21.3"S 105°10.0"E 6°24.8"S 104°41.4"E	
	Note from Subsection I-2	4°45.0"S 104°10.0"E	Note from Subsection I-2 in left upper margin (NTM0009/2003)
71027	9Ed. 9/19/98 LAST NM 18/03	23/03	
Add	Purple dashed line with legend "ASL (see Note)" joining	3°35.0"N 108°51.0"E 3°00.0"N 108°10.0"E 1°00.0"N 106°25.1"E	
	Purple dashed line with legend "ASL (see Note)" between	1°52.0"N 104°55.0"E 1°00.0"N 106°03.2"E	
	Note from Subsection I-2	1°30.0"N 112°55.0"E	
	(NTM0009/2003)		
71033	31Ed. 2/3/96 LAST NM 15/03	23/03	
Add	Purple dashed line with legend "ASL (see Note)" joining	1°40.0"N 107°00.0"E 0°50.0"N 106°16.3"E 0°12.3"S 106°44.0"E 2°01.0"S 108°27.0"E 2°16.0"S 109°19.5"E 2°45.0"S 109°33.0"E 3°46.8"S 109°33.0"E 5°12.5"S 106°54.5"E 5°17.3"S 106°44.5"E 5°17.3"S 106°27.5"E 5°15.0"S 106°12.5"E 5°57.3"S 105°46.3"E	
71036	8Ed. 6/7/97 LAST NM 14/03	23/03	
Add	Purple dashed line with legend "ASL (see Note)" joining	1°00.9"S 107°30.0"E 2°01.0"S 108°27.0"E 2°16.0"S 109°19.5"E 2°45.0"S 109°33.0"E 3°46.8"S 109°33.0"E 4°53.3"S 107°30.0"E	
			Note from Subsection I-2 in left lower margin (NTM0009/2003)
71045	2Ed. 3/20/99 LAST NM 32/01	23/03	
Add	Stranded wreck [K24] (50(413)02 Jakarta)	5°47.9"N 97°44.9"E	
71180	29Ed. 2/3/96 LAST NM 21/03	23/03	
Add	Purple dashed line with legend "ASL (see Note)" joining	5°07.9"S 107°03.0"E 5°12.5"S 106°54.5"E 5°17.3"S 106°44.5"E 5°17.3"S 106°27.5"E 5°15.0"S 106°12.5"E 5°57.3"S 105°46.3"E 6°18.5"S 105°33.3"E 6°24.8"S 104°41.4"E	
	Note from Subsection I-2	5°28.0"S 104°50.0"E	
	(NTM0009/2003)		
71210	18Ed. 9/2/95 LAST NM 3/03	23/03	
Add	Purple dashed line with legend "ASL (see Note)" joining	4°45.2"S 107°45.0"E 5°12.5"S 106°54.5"E 5°17.3"S 106°44.5"E 5°17.3"S 106°27.5"E 5°15.0"S 106°12.5"E 5°30.0"S 106°03.2"E	
			Note from Subsection I-2 in left upper margin (NTM0009/2003)
71305	2Ed. 1/2/99 LAST NM 13/03	23/03	
Add	Stranded wreck [K24] (50(413)02 Jakarta)	5°47.9"N 97°44.9"E	
71348	3Ed. 5/1/99 LAST NM 7/03 (Panel B)	23/03	
Add	Note "RESTRICTED AREA" from Subsection I-2	1°34'36.0"N 110°21'24.0"E	
	Note "ANCHORING PROHIBITED" from Subsection I-2	1°35'06.0"N 110°21'24.0"E	
	Note "DEPTHs" from Subsection I-2	1°35'54.0"N 110°21'24.0"E	
		Chartlet, depicting changes in hydrography, topography and aids to navigation from Subsection I-2	
		1°34'12.0"N 110°24'12.0"E	
		(BA CH 1823)	
71349	2Ed. 5/2/98 LAST NM 13/01	23/03	
Add	Note "RESTRICTED AREA" from Subsection I-2	1°33'24.0"N 110°24'51.0"E	
	Note "DEPTHs" from Subsection I-2	1°32'51.0"N 110°24'18.0"E	
		(continued on next page)	

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71349	(Continued)			
	Chartlet A, depicting changes in hydrography, topography and aids to navigation, from Subsection I-2	1°34'24.0"N 110°23'45.0"E	Note from Subsection I-2 in left upper margin of chart (NTM0009/2003)	
	Chartlet B, depicting changes in hydrography, topography and aids to navigation, from Subsection I-2	1°34'24.0"N 110°24'30.0"E		
	(BA CH 1823)			
71400	5Ed. 9/29/84 LAST NM 14/03	23/03		
Add	Purple dashed line with legend "ASL (see Note)" joining	2°13'08"S 109°09'23"E 2°16'00"S 109°19'30"E 2°45'00"S 109°33'00"E 3°46'45"S 109°33'00"E 3°50'00"S 109°27'00"E	Purple dashed line with legend "ASL (see Note)" joining (49(407)02 Jakarta; NTM0009/2003)	2°50.0"S 109°33.0"E 3°46.8"S 109°33.0"E 4°54.0"S 107°28.7"E
	Note from Subsection I-2	1°52'00"S 110°14'00"E		
	(NTM0009/2003)			
71410	1Ed. 10/3/87 LAST NM 12/03	23/03		
Add	Purple dashed line with legend "ASL (see Note)" joining	1°44.7"S 108°11.5"E 2°01.0"S 108°27.0"E 2°16.0"S 109°19.5"E 2°45.0"S 109°33.0"E 3°46.0"S 109°33.0"E		
	Note from Subsection I-2 in right upper margin of chart (NTM0009/2003)			
71420	1Ed. 9/5/87 LAST NM 14/03	23/03		
Add	Purple dashed line with legend "ASL (see Note)" joining	0°34.7"S 107°05.2"E 2°01.0"S 108°27.0"E 2°09.9"S 108°58.0"E		
	Note from Subsection I-2 in left upper margin of chart (NTM0009/2003)			
71430	3Ed. 1/18/03 LAST NM 20/03	23/03		
Add	Purple dashed line with legend "ASL (see Note)" joining	1°23.3"N 106°45.5"E 0°50.0"N 106°16.3"E 0°12.3"S 106°44.0"E 0°37.9"S 107°08.3"E		
	Purple dashed line with legend "ASL (see Note)" between	1°23.3"N 105°32.6"E 0°50.0"N 106°16.3"E		
	Note from Subsection I-2 in right margin of chart (NTM0009/2003)			
71440	2Ed. 1/18/03 LAST NM 11/03	23/03		
Add	Purple dashed line with legend "ASL (see Note)" between	1°08.7"N 106°32.6"E 1°19.4"N 106°42.0"E		
	Purple dashed line with legend "ASL (see Note)" between	1°52.0"N 104°55.0"E 1°08.7"N 105°51.9"E		
	Note from Subsection I-2 in right upper margin of chart (NTM0009/2003)			
71455	2Ed. 12/14/02 LAST NM 11/03	23/03		
Add	Purple dashed line with legend "ASL (see Note)" between	3°26'11"N 108°40'40"E 3°22'00"N 108°35'47"E		
	Note from Subsection I-2 in left upper margin of chart (NTM0009/2003)			
71460	1Ed. 9/26/87 LAST NM 41/02	23/03		
Add	Purple dashed line with legend "ASL (see Note)" joining	3°05.3"N 108°16.3"E 3°00.0"N 108°10.0"E 1°04.0"N 106°28.6"E		
72000	8Ed. 8/5/95 LAST NM 21/03	23/03		
Add	Light flare symbol [P1]	3°19.4"S 113°20.3"E		
	Purple dashed line with legend "ASL (see Note)" joining (49(407)02 Jakarta; NTM0009/2003)	2°50.0"S 109°33.0"E 3°46.8"S 109°33.0"E 4°54.0"S 107°28.7"E		
72021	8Ed. 11/30/96 LAST NM 20/03	23/03		
Add	Light flare symbol [P1] (49(407)02 Jakarta)	3°19.4"S 113°20.3"E		
72050	4Ed. 8/10/85 LAST NM 48/01	23/03		
Add	Beacon Iso 2s 33ft 9M (49(407)02 Jakarta)	3°19'26"S 113°20'20"E		
73008	8Ed. 3/9/96 LAST NM 13/03	23/03		
	Change Characteristic of light to Fl(2) 7s (50(416)02 Jakarta)	5°03.9"S 122°08.4"E		
*83484	10Ed. 10/13/01 LAST NM 1/02	23/03		
	Relocate Light from 14°22'23"S 170°45'33"W to 14°22'14"S 170°45'35"W			
	Note: Sectors remain unchanged (9/03 CG14)			
93721	5Ed. 6/5/99 LAST NM 20/03	23/03		
Add	Anchorage area "No 1" [N11.2] bound by purple dashed-line greater arc of a circle, radius 2000 meters, centered arc between 22°00'00"N 113°54'06"E 21°59'00"N 113°53'42"E 21°59'00"N 113°54'32"E			
	Anchorage area "No 2" [N11.2] bound by purple dashed-line circle, radius 2000 meters, centered (20(380)02 Tianjin)	22°01'00"N 113°56'06"E		
94033	5Ed. 10/28/95 LAST NM 21/03	23/03		
Delete	Dashed line and legend "South...Port" joining (See 19/03-94033)	37°03.2"N 125°39.9"E 37°29.2"N 125°42.9"E 38°00.2"N 125°17.9"E		
	Add Dashed line (recommended track) [M4] with legend "South Korean Port - Chinese Port" joining (8/37)03 Inchon)	37°03.2"N 125°39.9"E 37°29.2"N 124°42.9"E 38°00.2"N 124°17.9"E		
94061	5Ed. 4/27/96 LAST NM 47/02	23/03		
Delete	Stranded wreck (PA) and legend "(Marked by buoys)" (24°24'30"N 118°05'48"E)			
Add	Depth 10 meters Wk [K26] (24°24'35"N 118°05'46"E)			
Delete	(Plan) Stranded wreck (PA) and legend "(Marked by buoys)" (24°24'30.8"N 118°05'50.3"E)			
Add	Buoy "6" R, pillar, can topmark, Fl(3) R 10s (24°26'39.9"N 118°02'43.8"E)			
	Depth 10 meters Wk [K26] (32(593)02, 9(131)03 Tianjin)	24°24'34.7"N 118°05'46.1"E		
94180	9Ed. 10/28/95 LAST NM 51/02	23/03		
Add	Purple dashed-line circle "Unexploded Ordnance" (10(152)03 Tianjin)	29°36.4"N 122°41.1"E		

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94187	3Ed. 4/20/96 LAST NM 14/03 Add Buoy "3-1" R, pillar, can topmark, Fl(2) R 6s (39/714)02 Tianjin)	23/03 27°59'29.8"N 120°53'18.5"E	95086	5Ed. 6/18/94 LAST NM 12/03 Substitute Solid line for dashed line between 34°46'59.5"N 126°23'09.4"E 34°47'05.0"N 126°23'13.0"E Note: Construction completed (See 47/98-95086)	23/03
94420	3Ed. 9/23/95 LAST NM 14/03 Delete Purple composite-line arc of a circle between 38°53.5"N 121°06.6"E 38°35.3"N 121°01.0"E	23/03	Add Land tint to area bound by shore and solid line [F13] joining 34°47'03.1"N 126°23'10.7"E 34°47'01.7"N 126°23'13.7"E 34°47'01.4"N 126°23'10.0"E 34°47'00.1"N 126°23'12.7"E		
	Add "NAVIGATION PROHIBITED" area [N2.2] bound by shore, existing purple composite line and purple composite line joining 38°47.1"N 121°08.4"E 38°47.1"N 121°01.0"E 38°35.3"N 121°01.0"E		(Plan) Substitute Solid line for dashed line in vicinity 34°47'02.0"N 126°23'09.0"E and delete legend "Wharf...(1999)"		
	Purple composite line (anchoring and fishing prohibited limit) joining 38°47.3"N 120°55.8"E 38°47.0"N 120°57.5"E 38°44.0"N 120°55.4"E (14/68)88, 10(146)03 Tianjin)		Add Land tint to area bound by shore and solid line [F13] joining 34°47'03.1"N 126°23'10.7"E 34°47'01.7"N 126°23'13.7"E 34°47'01.4"N 126°23'10.0"E 34°47'00.1"N 126°23'12.7"E (41/516)00 Inchon)		
95041	7Ed. 7/16/94 LAST NM 22/99 Add Buoy "01" R, pillar, can topmark Buoy "02" G, pillar, cone topmark Buoy "03" R, pillar, can topmark Buoy "04" R, pillar, can topmark Buoy "05" R, pillar, can topmark Buoy "06" R, pillar, can topmark Buoy "07" R, pillar, can topmark Buoy Y, pillar, "X" topmark Buoy "06A" G, pillar, cone topmark "ANCH AREA" [N12.1] bound by purple dashed-line circle, radius 1000 meters, centered 39°39'05"N 124°04'10"E (29/550, 551)02 Tianjin; Cna CH 11131)	23/03 39°40'41"N 124°05'38"E 39°41'55"N 124°06'53"E 39°43'24"N 124°08'26"E 39°44'35"N 124°09'01"E 39°45'54"N 124°09'43"E 39°47'07"N 124°09'43"E 39°48'32"N 124°09'29"E 39°39'05"N 124°04'10"E 39°47'08"N 124°10'00"E	95100	12Ed. 3/2/96 LAST NM 17/03 Add Dashed-line circle "Marine farm" 34°30'15"N 127°03'50"E Double solid line with land tint (bridge) [D22] between 34°26'41"N 127°18'54"E 34°26'28"N 127°18'48"E (45/430)00, 10(133)03 Inchon)	23/03
95060	13Ed. 8/5/95 LAST NM 21/03 Delete Dashed line (recommended track) and legend "South...Port" joining 37°03.2"N 125°39.9"E 37°29.2"N 125°42.9"E 38°00.2"N 125°17.9"E (See 19/03-95060)	23/03	95102	8Ed. 8/12/95 LAST NM 17/03 Add Dashed-line circle "Marine farm" 34°30'15"N 127°03'50"E (45/430)00 Inchon)	23/03
	Add Dashed line (recommended track) [M4] with legend "South Korean Port - Chinese Port" joining 37°03.2"N 125°39.9"E 37°29.2"N 124°42.9"E 38°00.2"N 124°17.9"E		95138	8Ed. 2/5/94 LAST NM 19/03 Delete Buoy "H" (See 49/02-95138) (10/139)03 Inchon)	23/03 34°53'11.2"N 127°45'06.3"E
	Dashed line (recommended track) [M4] with legend "090°" between 37°08.0"N 126°24.6"E 37°08.0"N 126°25.4"E		95141	8Ed. 8/5/95 LAST NM 21/03 Add Double solid line with land tint (bridge) [D22] and legend "(19)" between 34°26'41"N 127°18'54"E 34°26'28"N 127°18'48"E (10/133)03 Inchon)	23/03
	Dashed line (recommended track) [M4] with legend "270°" between 37°08.5"N 126°25.4"E 37°08.5"N 126°24.6"E (41/522)00, 8(37)03 Inchon)		95142	9Ed. 12/15/01 LAST NM 19/03 (Plan A) Add "Marine farm" area bound by dashed line joining 34°49'48.0"N 128°27'20.0"E 34°49'49.0"N 128°27'33.0"E 34°49'34.0"N 128°27'34.0"E 34°49'33.0"N 128°27'21.0"E (45/424)00 Inchon)	23/03
95066	11Ed. 11/21/98 LAST NM 21/03 Delete Buoy "A" Buoy "B" (See 5/03-95066)	23/03 37°25'57"N 126°35'05"E 37°26'13"N 126°35'11"E	95143	11Ed. 5/15/99 LAST NM 19/03 Add Dashed-line circle "Marine farm" 34°51'22"N 128°13'10"E (45/426)00 Inchon)	23/03
	Add Dashed line (recommended track) [M4] with legend "090°" between 37°08'01"N 126°24'35"E 37°08'01"N 126°25'23"E		95144	9Ed. 5/15/99 LAST NM 21/03 Add Legend "Numerous Marine farms" 34°50'00"N 128°17'30"E	23/03
	Dashed line (recommended track) [M4] with legend "270°" between 37°08'31"N 126°25'23"E 37°08'31"N 126°24'35"E (41/522)00, 10(142)03 Inchon)			Dashed-line circle "Marine farm" 34°57'24"N 128°43'45"E Dashed-line circle "Marine farm" 34°55'18"N 128°32'15"E Dashed-line circle "Marine farm" 34°49'41"N 128°27'27"E Dashed-line circle "Marine farm" 34°51'22"N 128°13'10"E (41/390), 45(420, 423, 424, 426)00 Inchon)	
95067	13Ed. 8/29/98 LAST NM 17/03 Delete Buoy "A" Buoy "B" (See 5/03-95067) (10/142)03 Inchon)	23/03 37°25'57.0"N 126°35'04.9"E 37°26'12.5"N 126°35'10.9"E	95146	14Ed. 5/14/94 LAST NM 21/03 Add Dashed-line circle "Marine farm" 35°02'12"N 128°42'12"E Dashed-line circle "Marine farm" 35°02'03"N 128°42'32"E "Marine farm" area bound by dashed line joining 34°57'27"N 128°43'40"E 34°57'27"N 128°43'50"E 34°57'21"N 128°43'50"E 34°57'21"N 128°43'40"E	23/03

(continued on next page)

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<p>95146 (Continued)</p> <p>“Marine farm” area bound by dashed line joining</p> <table style="margin-left: 20px;"> <tr><td>35°01'46"N</td><td>128°39'20"E</td></tr> <tr><td>35°01'49"N</td><td>128°39'29"E</td></tr> <tr><td>35°01'38"N</td><td>128°39'33"E</td></tr> <tr><td>35°01'36"N</td><td>128°39'24"E</td></tr> </table> <p>“Marine farm” area bound by dashed line joining</p> <table style="margin-left: 20px;"> <tr><td>35°01'15"N</td><td>128°38'37"E</td></tr> <tr><td>35°01'14"N</td><td>128°38'43"E</td></tr> <tr><td>35°00'59"N</td><td>128°38'38"E</td></tr> <tr><td>35°01'01"N</td><td>128°38'33"E</td></tr> </table> <p>“Marine farm” area bound by dashed line joining</p> <table style="margin-left: 20px;"> <tr><td>35°01'01"N</td><td>128°39'30"E</td></tr> <tr><td>35°01'01"N</td><td>128°39'38"E</td></tr> <tr><td>35°00'45"N</td><td>128°39'38"E</td></tr> <tr><td>35°00'45"N</td><td>128°39'31"E</td></tr> </table> <p>(45(420-423)00 Inchon)</p> <p>95147 13Ed. 5/14/94 LAST NM 19/03 23/03 Change Legend to “Spoil ground” 35°09'19.0"N 128°35'21.0"E</p> <p>Add Double solid line with land tint (bulkhead) between 35°11'15.1"N 128°35'32.2"E 35°11'01.6"N 128°35'31.7"E</p> <p>“Marine farm” area bound by dashed line joining 35°02'17.0"N 128°42'11.0"E 35°02'12.0"N 128°42'19.0"E 35°02'08.0"N 128°42'15.0"E 35°02'13.0"N 128°42'07.0"E</p> <p>“Marine farm” area bound by dashed line joining 35°02'08.0"N 128°42'29.0"E 35°02'04.0"N 128°42'38.0"E 35°02'00.0"N 128°42'36.0"E 35°02'03.0"N 128°42'27.0"E</p> <p>“Marine farm” area bound by dashed line joining 35°01'46.0"N 128°39'20.0"E 35°01'49.0"N 128°39'29.0"E 35°01'38.0"N 128°39'33.0"E 35°01'36.0"N 128°39'24.0"E</p> <p>“Marine farm” area bound by dashed line joining 35°01'15.0"N 128°38'37.0"E 35°01'14.0"N 128°38'43.0"E 35°00'59.0"N 128°38'38.0"E 35°01'01.0"N 128°38'33.0"E (41(508, 509), 45(420-422)00 Inchon)</p> <p>95151 17Ed. 11/28/98 LAST NM 19/03 23/03 Change Characteristic of buoy “2” to VQ R 35°05'24.0"N 129°05'42.0"E Characteristic of buoy “9” to VQ G 35°06'21.2"N 129°03'39.6"E Characteristic of buoy “10” to VQ R 35°06'30.3"N 129°03'47.9"E (See 34/02-95151) (10(132)03 Inchon)</p> <p>95161 16Ed. 9/8/01 LAST NM 19/03 23/03 Add Buoy (wavemeter) Y, spherical, Fl Y 4s 35°27'28.7"N 129°22'59.4"E (41(506)00 Inchon)</p> <p>95169 2Ed. 2/26/94 LAST NM 16/03 23/03 Relocate Buoy “C” from 38°11'46.1"N 128°35'19.3"E to 38°11'55.8"N 128°35'11.9"E Buoy “D” from 38°11'47.1"N 128°35'19.3"E to 38°11'57.0"N 128°35'21.4"E Buoy “E” from 38°11'37.4"N 128°35'19.4"E to 38°11'57.4"N 128°35'30.1"E (See 50/02-95169) (10(128)03 Inchon)</p> <p>95180 11Ed. 6/15/96 LAST NM 21/03 23/03 Add Light Fl(4) Y 8s 11m 7M (10(130)03 Inchon)</p>	35°01'46"N	128°39'20"E	35°01'49"N	128°39'29"E	35°01'38"N	128°39'33"E	35°01'36"N	128°39'24"E	35°01'15"N	128°38'37"E	35°01'14"N	128°38'43"E	35°00'59"N	128°38'38"E	35°01'01"N	128°38'33"E	35°01'01"N	128°39'30"E	35°01'01"N	128°39'38"E	35°00'45"N	128°39'38"E	35°00'45"N	128°39'31"E	<p>95200 6Ed. 4/6/96 LAST NM 21/01 23/03 Add Light Fl(4) Y 8s 11m 7M (10(130)03 Inchon)</p> <p>95261 7Ed. 8/17/96 LAST NM 16/03 23/03 Change Light to Fl(2) R 5s 11m 5M Visibility (range) of light to 7M (16(587)03 Tokyo)</p> <p>95267 5Ed. 8/18/84 LAST NM 20/03 23/03 Delete Depth 46 meters R Add Bottom characteristic “R” to depth 39 meters (17(652)03 Tokyo)</p> <p>95270 4Ed. 11/9/91 LAST NM 22/03 23/03 Delete Depth 46 meters R Change Light to Fl R 3s 3M Add Depth 39 meters R (16(586), 17(652)03 Tokyo)</p> <p>95274 3Ed. 5/18/91 LAST NM 48/02 23/03 Change Light to Fl R 3s 3M Light to Fl G 4s 7m 3M Visibility (range) of light to 3M Light to Fl(2) R 5s 11m 5M Visibility (range) of light to 7M (16(586), 587)03 Tokyo)</p> <p>95282 7Ed. 7/14/90 LAST NM 22/03 23/03 Add Position circle “Chy (257)” (14(484)03 Tokyo)</p> <p>96039 7Ed. 7/8/95 LAST NM 30/02 23/03 Delete Pilot station symbol Add “Prohibited Area No. 362” [N2.2] bound by shore and purple dashed line joining 42°38.3"N 131°03.2"E 42°36.5"N 131°03.2"E 42°36.5"N 131°00.0"E 42°35.5"N 130°57.6"E 42°33.4"N 130°57.5"E 42°33.1"N 130°56.4"E 42°35.2"N 130°53.0"E 42°35.7"N 130°52.1"E (51(853)00 St. Petersburg; Rus CH 63000)</p> <p>96044 10Ed. 7/3/93 LAST NM 30/02 23/03 Add Buoy YB, pillar, double cone topmark points downward, Q(6) + L Fl 15s [Q130.3] 42°45'18.8"N 133°03'56.0"E (50(837)00 St. Petersburg)</p> <p>96943 15Ed. 12/9/95 LAST NM 22/03 23/03 Change Light to Fl R 3s 15m 3M Visibility (range) of light (Fl G) to 7M (42°07'36"N 139°58'48"E 42°07'30"N 139°59'06"E (16(585)03 Tokyo)</p> <p>96945 3Ed. 2/1/97 LAST NM 22/03 23/03 Change Light to Oc(3) 1s 31m 14M (16(584)03 Tokyo)</p> <p>97181 20Ed. 3/26/94 LAST NM 22/03 23/03 Change Light to Fl G 3s 13m 3M (15(548)03 Tokyo)</p> <p>97182 13Ed. 1/1/94 LAST NM 22/03 23/03 Change Light to Iso G 6s 11m 4M Light to Fl G 3s 13m 3M (15(547, 548)03 Tokyo)</p>
35°01'46"N	128°39'20"E																								
35°01'49"N	128°39'29"E																								
35°01'38"N	128°39'33"E																								
35°01'36"N	128°39'24"E																								
35°01'15"N	128°38'37"E																								
35°01'14"N	128°38'43"E																								
35°00'59"N	128°38'38"E																								
35°01'01"N	128°38'33"E																								
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35°01'01"N	128°39'38"E																								
35°00'45"N	128°39'38"E																								
35°00'45"N	128°39'31"E																								

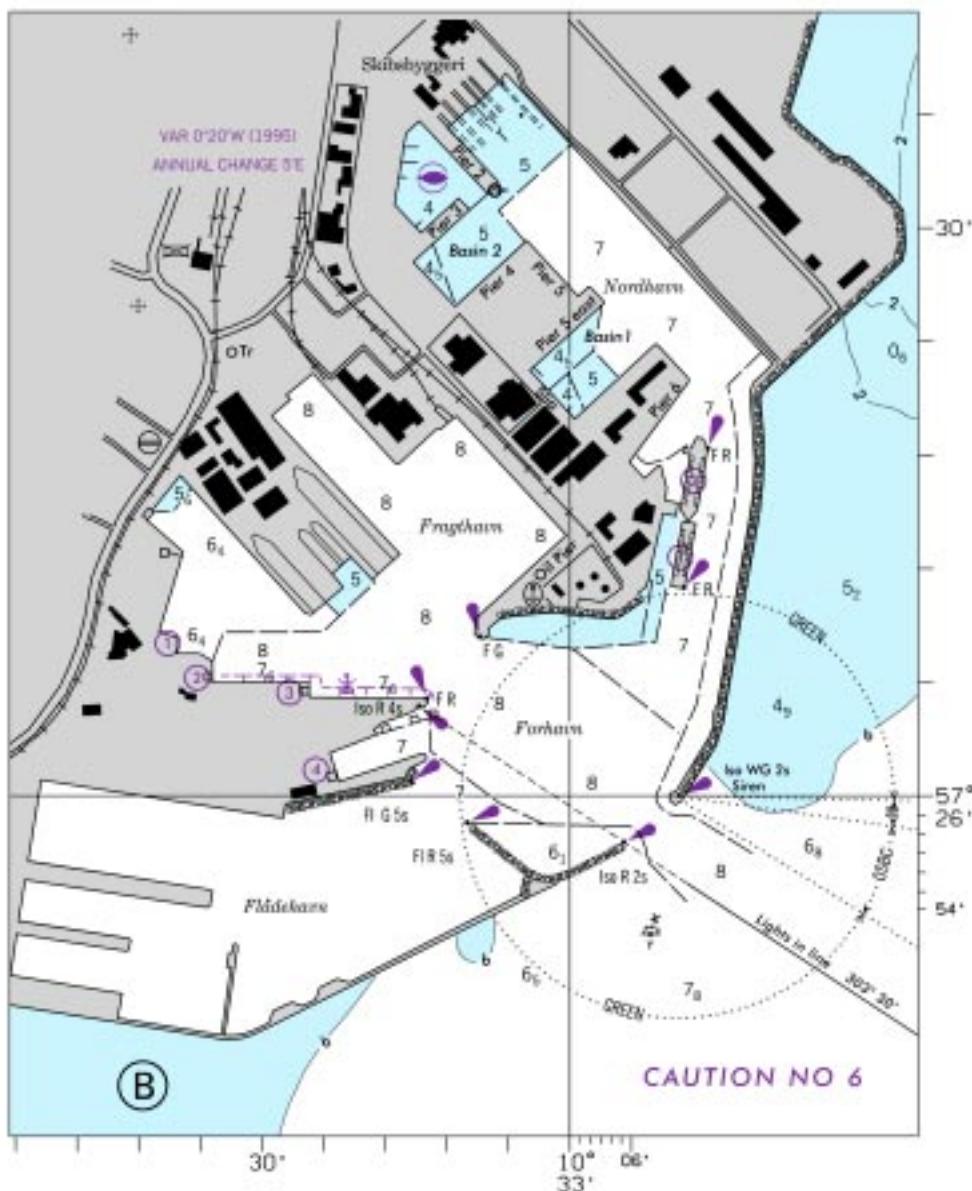
97206	2Ed. 2/8/86 LAST NM 12/02 Add Fish haven area [K46.1] bound by dotted line (limiting danger line), radius 50 meters, centered (17(640)03 Tokyo)	23/03	Add Light Fl R 3s 17m 5M (14(500)03 Tokyo)	32°53'39"N 129°05'26"E
97219	4Ed. 12/20/97 LAST NM 20/03 Change Visibility (range) of light to 7M Visibility (range) of light to 3M (14(498)03 Tokyo)	23/03	97396 14Ed. 8/30/97 LAST NM 17/03 Delete Light Add Light Fl R 3s 17m 5M (14(500)03 Tokyo)	32°53'31"N 129°05'16"E
97220	3Ed. 12/30/95 LAST NM 18/03 Change Visibility (range) of light to 5M 34°27'45.0"N 135°21'11.0"E Add Buoy RW, pillar, ball topmark, Iso 4s 34°36'26.0"N 135°20'18.0"E (14(496, 497)03 Tokyo)	23/03	97461 9Ed. 12/28/96 LAST NM 22/03 Delete Danger circle "Wave meter" (Plan A) Danger circle "Wave Meter" (17(646)03 Tokyo)	32°53'39"N 129°05'26"E
97221	20Ed. 1/17/98 LAST NM 22/03 Change Visibility (range) of light (Fl(2) G) to 5M 34°27'45"N 135°21'11"E Visibility (range) of light to 7M 34°45'27"N 134°41'12"E (14(496, 498)03 Tokyo)	23/03	97466 2Ed. 9/12/98 LAST NM 1/03 Substitute Depth 3 meters for 4.6 meters Depth 0.2 meter for 0.6 meter Depth 6.7 meters for 8 meters Depth 2.7 meters for 3.9 meters Depth 1.2 meters for 2.6 meters Depth 2.7 meters for 4.1 meters Depth 8.2 meters for 9.6 meters Depth 5.9 meters for 8.1 meters Depth 6.3 meters for 9.4 meters Depth 7 meters for 10.1 meters Depth 5.4 meters for 7.8 meters Depth 7.2 meters for 9.6 meters Depth 5.3 meters for 8.7 meters Depth 5.3 meters for 8.4 meters Depth 5.2 meters for 6.1 meters Depth 3.9 meters enclosed by depth contour (5-meter) for 8.7 meters Depth 0.9 meter enclosed by depth contour (2-meter) for 2.8 meters Depth 9 meters enclosed by depth contour (10-meter) for 10.8 meters and add blue tint to area enclosed by depth contour	26°32'50.0"N 127°55'42.0"E
97223	3Ed. 11/7/98 LAST NM 22/03 Change Visibility (range) of light to 5M 34°27'45.0"N 135°21'11.0"E (See 28/00-97223) (14(496)03 Tokyo)	23/03	26°13'34.6"N 127°40'53.8"E 26°13'32.1"N 127°41'02.4"E 26°12'40.7"N 127°39'58.6"E 26°13'27.3"N 127°40'57.0"E 26°13'32.7"N 127°41'00.6"E 26°13'29.6"N 127°41'01.3"E 26°12'35.9"N 127°40'00.2"E 26°12'39.7"N 127°40'03.4"E 26°12'38.1"N 127°40'02.7"E 26°12'37.0"N 127°40'01.7"E 26°12'39.4"N 127°40'06.0"E 26°12'36.3"N 127°40'07.3"E 26°12'35.8"N 127°40'15.4"E 26°12'34.5"N 127°40'14.9"E 26°12'31.8"N 127°40'14.8"E	23/03
97225	31Ed. 1/21/95 LAST NM 19/03 Change Visibility (range) of light to 5M (14(496)03 Tokyo)	23/03	Add Depth 2.4 meters 26°13'28.2"N 127°41'00.6"E Depth 6 meters 26°12'40.0"N 127°40'00.8"E Depth 7.8 meters 26°12'36.5"N 127°40'05.4"E	26°12'35.0"N 127°40'18.2"E
97231	11Ed. 8/30/97 LAST NM 6/03 Change Visibility (range) of light to 7M 34°45'27.0"N 134°41'12.0"E Visibility (range) of light to 3M 34°45'57.0"N 134°40'52.0"E (14(498)03 Tokyo)	23/03	Depth 4.9 meters enclosed by depth contour (5-meter) 26°12'36.2"N 127°40'13.6"E (16(624, 625)03 Tokyo)	26°12'32.8"N 127°40'22.7"E
97233	11Ed. 11/27/93 LAST NM 16/03 Add Dangerous wreck [K28] (17(657)03 Tokyo)	23/03	Depth 9 meters enclosed by depth contour (10-meter) 26°12'31.3"N 127°40'10.6"E and add blue tint to area enclosed by depth contour	26°12'40.1"N 127°40'07.3"E
97236	20Ed. 10/17/98 LAST NM 16/03 Add Dangerous wreck [K28] (17(657)03 Tokyo)	23/03	Add Depth 2.4 meters 26°13'28.2"N 127°41'00.6"E Depth 6 meters 26°12'40.0"N 127°40'00.8"E Depth 7.8 meters 26°12'36.5"N 127°40'05.4"E	26°12'35.8"N 127°40'15.4"E
97239	10Ed. 2/28/98 LAST NM 16/03 Add Dangerous wreck [K28] (17(657)03 Tokyo)	23/03	Depth 4.9 meters enclosed by depth contour (5-meter) 26°12'36.2"N 127°40'13.6"E (16(624, 625)03 Tokyo)	26°12'30.0"N 127°40'22.7"E
97272	11Ed. 6/14/97 LAST NM 14/03 Add Solid line (breakwater) [F4.1] between 34°00'44"N 131°36'28"E 34°00'45"N 131°36'31"E (14(499)03 Tokyo)	23/03		
97274	19Ed. 6/27/98 LAST NM 18/03 Add Legend "Lesser depths reported (2003)" between 33°58'16"N 131°09'41"E 33°55'51"N 131°07'44"E (See 17/99, 18/01-97274) (17(658)03 Tokyo)	23/03		
97380	7Ed. 8/23/97 LAST NM 16/03 Delete Light Add Light Fl R 5M (14(500)03 Tokyo)	23/03		
97392	5Ed. 2/15/97 LAST NM 21/03 Delete Light	23/03		

SECTION I

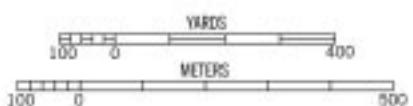
NM 23/03

Chart 44040 (Plan B)

NM 23/03



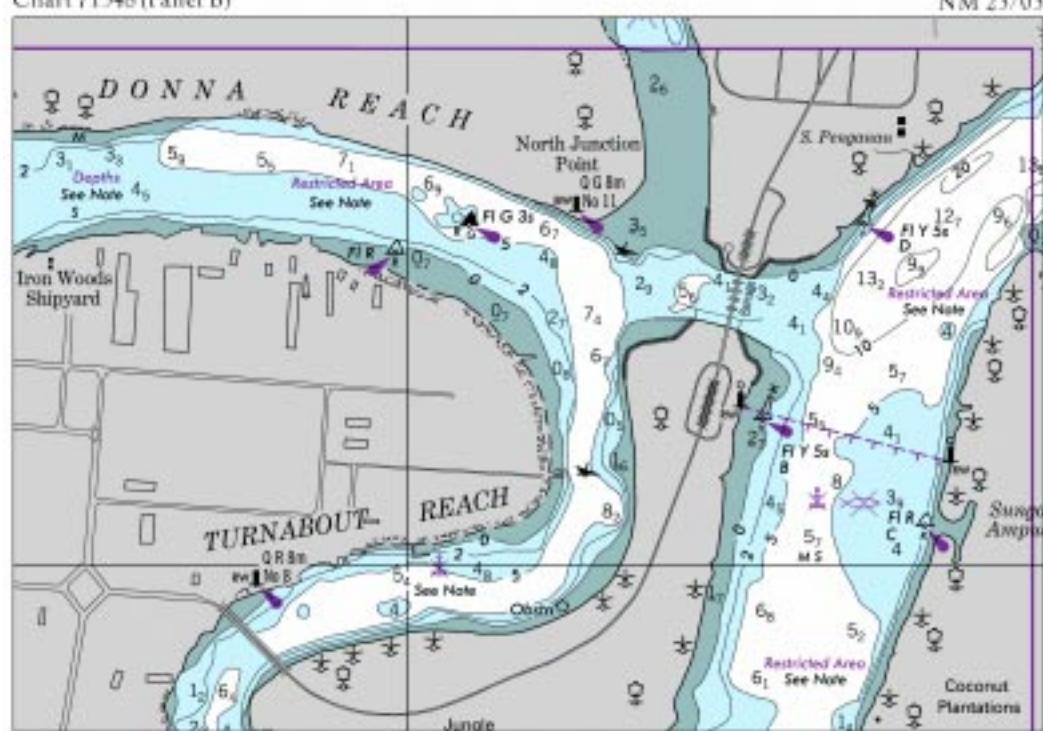
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SECTION I

NM 23/03

Chart 71348 (Panel B)



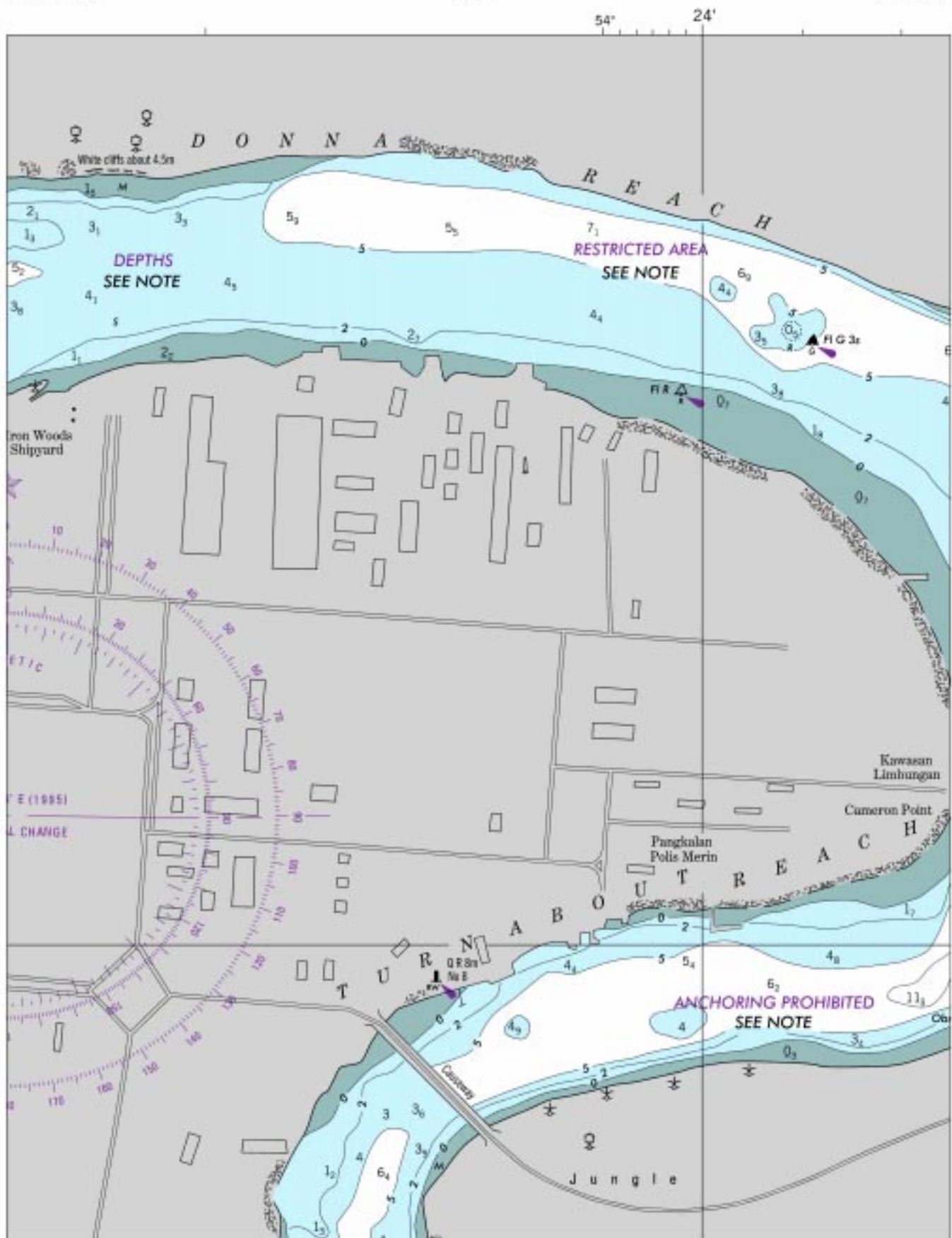
SECTION I

NM 23/03

Chart 71349

(A)

NM 23/03



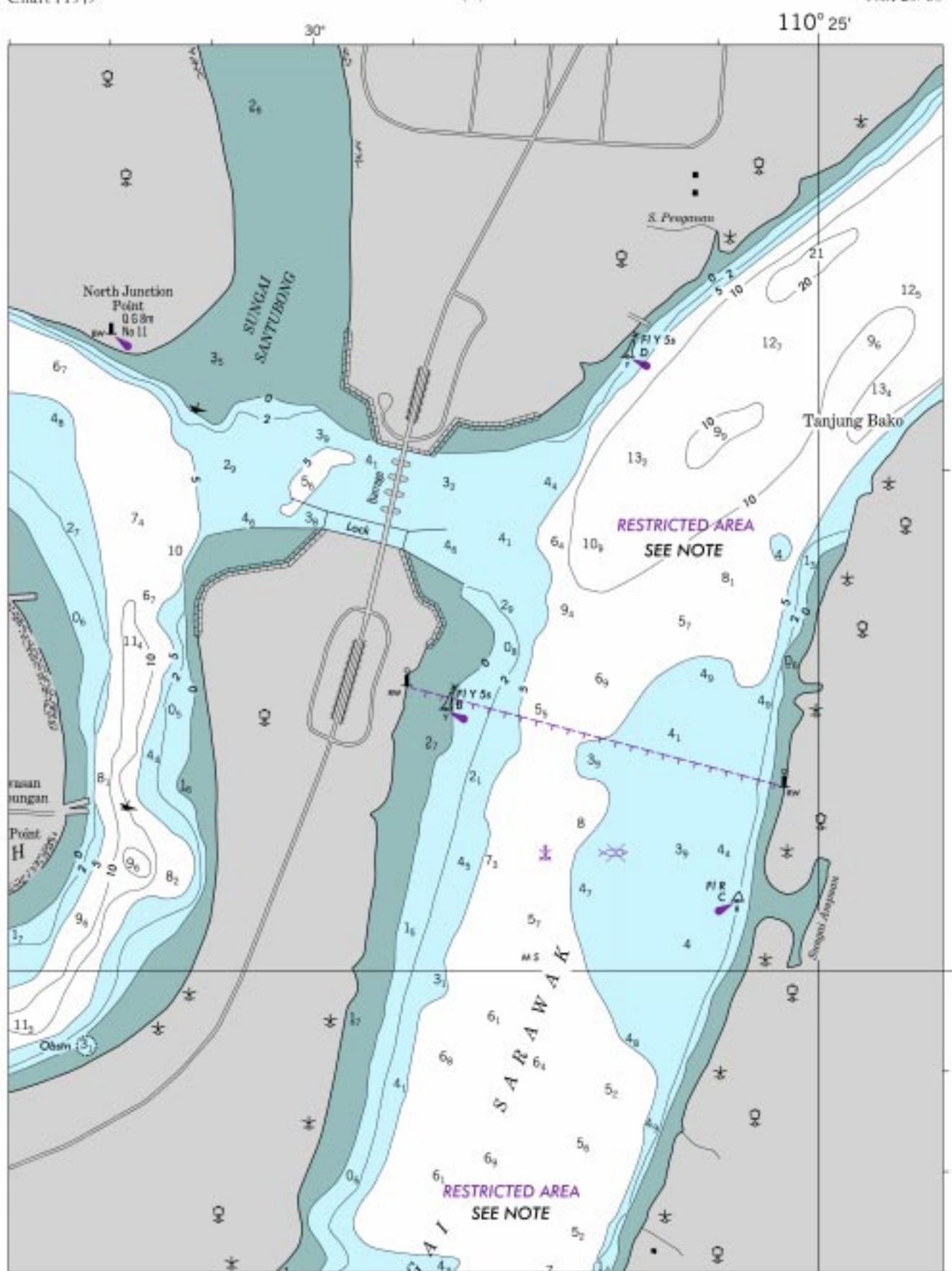
SECTION I

NM 23/03

Chart 71349

(B)

NM 23/03



SECTION I

NM 23/03

Chart 11324

NM 23/03

GALVESTON BAY AND HOUSTON SHIP CHANNEL DEPTHS						
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF APR 2003						
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOW TIDE (MLT)						PROJECT DIMENSIONS
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET) LENGTH (NAUT. MILES) DEPTH MLLW (FEET)
GALVESTON HARBOR:						
ENTRANCE CHANNEL	43.0	46.0	43.0	37.0	9-02	800-1000 7.5 45
OUTER BAR CHANNEL	39.0	45.0	47.0	48.0	9-02	800 1.5 45
INNER BAR CHANNEL	38.0	42.0	43.0	37.0	9-02	800 2.9 45
BOLIVAR ROADS CHANNEL	48.0	48.0	46.0	41.0	9-02	800 0.7 45
HOUSTON SHIP CHANNEL:						
BOLIVAR ROADS TO LOWER						
END OF MORGAN PT.	36.0	42.0	40.0	32.0	9-02	400-530 23.4 40
GALVESTON CHANNEL	25.0	31.0	34.0	24.0	7-02	1125-1075 3.5 40
TEXAS CITY CHANNEL	35.0	42.0	41.0	37.0	3-03	400 5.9 40
TEXAS CITY TURNING BASIN	37.0	38.0	38.0	37.0	3-03	1200 0.5 40
INFORMATION IN THIS TABULATION HAS BEEN PROVIDED TO NOAA BY THE U.S. ARMY CORPS OF ENGINEERS. DEPTHS ARE REFERENCED TO A LOCAL DREDGING REFERENCE CALLED MEAN LOW TIDE. FOR AN APPROXIMATE CONVERSION TO MEAN LOWER LOW WATER, ADD 1 FOOT TO EACH DEPTH IN THE TABULATION.						
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION						

Chart 11332

NM 23/03

SABINE PASS CHANNEL DEPTHS						
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF APR 2003						
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET) LENGTH (NAUT. MILES) DEPTH MLLW (FEET)
SABINE BANK CHANNEL	39	41	41	34	3-03	800 12.8 42
OUTER BAR CHANNEL	37	42	39	38	2-03	800 3.0 42
JETTY CHANNEL	36	41	40	32	1-03	800-500 3.5 40
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION						

Chart 11341

NM 23/03

SABINE PASS CHANNEL DEPTHS						
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF APR 2003						
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET) LENGTH (NAUT. MILES) DEPTH MLLW (FEET)
SABINE BANK CHANNEL	39	41	41	34	3-03	800 12.8 42
OUTER BAR CHANNEL	37	42	39	38	2-03	800 3.0 42
JETTY CHANNEL	36	41	40	32	1-03	800-500 3.5 40
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION						

SECTION I

NM 23/03

Chart 11342

NM 23/03

SABINE PASS - SABINE - NECHES CANAL CHANNEL DEPTHS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF APR 2003								
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	
SABINE PASS:							DEPTH MLLW (FEET)	
OUTER BAR CHANNEL	37	42	39	38	2-03	800	3.0	42
JETTY CHANNEL	36	41	40	32	1-03	800-500	3.5	40
PASS CHANNEL	25	31	40	31	1-03	500-1150	4.9	40
ANCHORAGE BASIN	33	21	11	1	2-03	1500	0.5	40
PORT ARTHUR SHIP CANAL	36	40	40	36	1-03	500	4.8	40
JUNCTION PORT ARTHUR-								
SABINE NECHES CANALS	31	38	34	33	1-03	400-1200	1.1	40
ENTRANCE TO PORT ARTHUR								
TURNING BASINS	35	35	35	34	3-03	282-735	0.2	40
EAST TURNING BASIN	37	37	37	38	1-03	370-547	0.3	40
WEST TURNING BASIN	34	34	37	36	3-03	350-735	0.3	40
CHANNEL CONNECTING								
WEST BASIN AND								
TAYLOR BAYOU TURNING BASIN	37	40	39	38	1-03	200-350	0.5	40
TAYLOR BAYOU TURNING BASIN	30	40	40	36	1-03	90-1233	0.6	40
SABINE-NECHES CANAL:								
PORT ARTHUR TO NECHES RIVER	32	37	35	31	2-03	400	9.6	40
NECHES RIVER TO SABINE RIVER	25	25	23	21	12-02	200	3.9	30
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION								

Chart 11545

NM 23/03

MOREHEAD CITY HARBOR CHANNEL DEPTHS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO MAR 2003								
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	
BEAUFORT INLET CHANNEL FROM							DEPTH MLLW (FEET)	
2000 FT NORTH OF LTD. BUOY "B"	44.1	45.0	45.2	42.4	2-3-03	450-800	2.26	47
CUTOFF CHANNEL	48.0	48.7	45.4	41.4	2-3-03	600	0.38	42
MOREHEAD CITY CHANNEL	34.2	44.6	45.6	42.3	3-03	400	1.10	40
TURNING BASIN								
EAST LEG	44.9	43.6	44.5	43.2	3-03	400-870	0.78	40
WEST LEG	34.8	36.1	38.2	39.5	3-03	800-3000	0.59	35
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION								

Chart 11547

NM 23/03

MOREHEAD CITY HARBOR CHANNEL DEPTHS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO MAR 2003								
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	
BEAUFORT INLET CHANNEL FROM							DEPTH MLLW (FEET)	
2000 FT NORTH OF LTD. BUOY "B"	44.1	45.0	45.2	42.4	2-3-03	450-800	2.26	47
CUTOFF CHANNEL	48.0	48.7	45.4	41.4	2-3-03	600	0.38	42
MOREHEAD CITY CHANNEL	34.2	44.6	45.6	42.3	3-03	400	1.10	40
TURNING BASIN								
EAST LEG	44.9	43.6	44.5	43.2	3-03	400-870	0.78	40
WEST LEG	34.8	36.1	38.2	39.5	3-03	800-3000	0.59	35
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION								

SECTION I

NM 23/03

Chart 12378 (Left Panel)

NM 23/03

CONNECTICUT RIVER CHANNEL DEPTHS TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF NOV 2002 AND SURVEYS TO JAN 2003						
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)				PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)
MOUSE ISLAND BAR CHANNEL	16.2	13.9	12.4	1-03	150	0.7 15
PORTLAND BAR CHANNEL	11.9	11.7	13.0	1-03	150	0.3 15
CROMWELL BAR CHANNEL	14.2	13.5	12.5	1-03	150	0.6 15
GILDERSLEEVE ISLAND SHOAL CHANNEL	14.0	13.9	15.1	1-03	150	0.9 15
PISTOL POINT BAR CHANNEL	8.1	9.1	8.1	9-02,1-03	150	0.9 15
BROWNSTONE BAR CHANNEL	14.5	13.2	12.2	8-02	150	0.9 15
DIVIDEND BAR CHANNEL	8.1	8.2	8.6	11-99	150	0.6 15
GLASTONBURY-TWO PIERS BAR CHANNEL	11.7	12.6	13.4	11-99	150	1.2 15
GLASTONBURY UPPER BAR CHANNEL	13.2	12.5	12.7	11-99	150	0.9 15
PRESS BARN BAR CHANNEL	14.5	13.9	13.8	11-99	150	0.1 15
NAUBUC BAR CHANNEL	13.4	13.2	13.0	11-99	150	0.5 15
CYS HOLLOW BAR CHANNEL	17.0	15.7	14.4	11-99	150	0.5 15
WEATHERSFIELD SHOAL CHANNEL	11.9	12.2	13.7	11-99	150	0.4 15
CLAY BANKS BAR CHANNEL	11.6	11.8	12.5	11-99	150	1.6 15
HARTFORD BAR CHANNEL	9.4	9.8	10.5	11-99	150	0.4 15

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 71015

NM 23/03

ASL-ARCHIPELAGIC SEA LANES

Archipelagic Sea Lanes as defined in UNCLOS have been designated in the area of this chart. Use of an ASL is not mandatory. However, vessels exercising archipelagic sea lanes passage shall not deviate more than 25 miles from the charted axis line. Where an island borders the sea lane, ships in the archipelagic sea lanes may not navigate closer to the shore than 10 per cent of the distance between the nearest point on the island and the axis line of the sea lane.

Where a traffic separation scheme exists, rules for the use of the traffic separation schemes still apply. It should be noted that the axis line of the ASL does not indicate the deepest water, any route or recommended track.

For further details, see Sailing Directions.

Chart 71027

NM 23/03

ASL-ARCHIPELAGIC SEA LANES

Archipelagic Sea Lanes as defined in UNCLOS have been designated in the area of this chart. Use of an ASL is not mandatory. However, vessels exercising archipelagic sea lanes passage shall not deviate more than 25 miles from the charted axis line. Where an island borders the sea lane, ships in the archipelagic sea lanes may not navigate closer to the shore than 10 per cent of the distance between the nearest point on the island and the axis line of the sea lane.

Where a traffic separation scheme exists, rules for the use of the traffic separation schemes still apply. It should be noted that the axis line of the ASL does not indicate the deepest water, any route or recommended track.

For further details, see Sailing Directions.

Chart 71033

NM 23/03

ASL-ARCHIPELAGIC SEA LANES

Archipelagic Sea Lanes as defined in UNCLOS have been designated in the area of this chart. Use of an ASL is not mandatory. However, vessels exercising archipelagic sea lanes passage shall not deviate more than 25 miles from the charted axis line. Where an island borders the sea lane, ships in the archipelagic sea lanes may not navigate closer to the shore than 10 per cent of the distance between the nearest point on the island and the axis line of the sea lane.

Where a traffic separation scheme exists, rules for the use of the traffic separation schemes still apply. It should be noted that the axis line of the ASL does not indicate the deepest water, any route or recommended track.

For further details, see Sailing Directions.

Chart 71036

NM 23/03

ASL-ARCHIPELAGIC SEA LANES

Archipelagic Sea Lanes as defined in UNCLOS have been designated in the area of this chart. Use of an ASL is not mandatory. However, vessels exercising archipelagic sea lanes passage shall not deviate more than 25 miles from the charted axis line. Where an island borders the sea lane, ships in the archipelagic sea lanes may not navigate closer to the shore than 10 per cent of the distance between the nearest point on the island and the axis line of the sea lane.

Where a traffic separation scheme exists, rules for the use of the traffic separation schemes still apply. It should be noted that the axis line of the ASL does not indicate the deepest water, any route or recommended track.

For further details, see Sailing Directions.

Chart 71180

NM 23/03

ASL-ARCHIPELAGIC SEA LANES

Archipelagic Sea Lanes as defined in UNCLOS have been designated in the area of this chart. Use of an ASL is not mandatory. However, vessels exercising archipelagic sea lanes passage shall not deviate more than 25 miles from the charted axis line. Where an island borders the sea lane, ships in the archipelagic sea lanes may not navigate closer to the shore than 10 per cent of the distance between the nearest point on the island and the axis line of the sea lane.

Where a traffic separation scheme exists, rules for the use of the traffic separation schemes still apply. It should be noted that the axis line of the ASL does not indicate the deepest water, any route or recommended track.

For further details, see Sailing Directions.

Chart 71210

NM 23/03

ASL-ARCHIPELAGIC SEA LANES

Archipelagic Sea Lanes as defined in UNCLOS have been designated in the area of this chart. Use of an ASL is not mandatory. However, vessels exercising archipelagic sea lanes passage shall not deviate more than 25 miles from the charted axis line. Where an island borders the sea lane, ships in the archipelagic sea lanes may not navigate closer to the shore than 10 per cent of the distance between the nearest point on the island and the axis line of the sea lane.

Where a traffic separation scheme exists, rules for the use of the traffic separation schemes still apply. It should be noted that the axis line of the ASL does not indicate the deepest water, any route or recommended track.

For further details, see Sailing Directions.

SECTION I

NM 23/03

Chart 71348 (Panel B)

NM 23/03

RESTRICTED AREA

Vessels are prohibited within 1.5 km of the barrage zone during flushing-in and draining-out. For times of these operations contact Kuching Barrage Management.

Chart 71348 (Panel B)

NM 23/03

ANCHORING PROHIBITED

Anchoring is prohibited in Turnabout Reach (1° 34' 00" N 110° 23' 48" E approx) and in the channel between Warren Point (1° 33' 30" N 110° 22' 30" E approx) and Brooke Dockyard (1° 33' 36" N 110° 20' 18"E approx).

Chart 71348 (Panel B)

NM 23/03

DEPTHs

Depths of water within Sungai Sarawak, upstream of the Barrage, are regulated by Kuching Barrage Management. The regulated depth is referred to Lands and Survey Datum (LSD). Charted depths are referred to Chart Datum, which at Kuching is 2.96m below LSD. Details of regulated depths should be obtained from Kuching Barrage Management.

Chart 71349

NM 23/03

RESTRICTED AREA

Vessels are prohibited within 1.5 km of the barrage zone during flushing-in and draining-out. For times of these operations contact Kuching Barrage Management.

Chart 71349

NM 23/03

DEPTHs

Depths of water within Sungai Sarawak, upstream of the Barrage, are regulated by Kuching Barrage Management. The regulated depth is referred to Lands and Survey Datum (LSD). Charted depths are referred to Chart Datum, which at Kuching is 2.96m below LSD. Details of regulated depths should be obtained from Kuching Barrage Management.

SECTION I

NM 23/03

Chart 71400

NM 23/03

ASL-ARCHIPELAGIC SEA LANES

Archipelagic Sea Lanes as defined in UNCLOS have been designated in the area of this chart. Use of an ASL is not mandatory. However, vessels exercising archipelagic sea lanes passage shall not deviate more than 25 miles from the charted axis line. Where an island borders the sea lane, ships in the archipelagic sea lanes may not navigate closer to the shore than 10 per cent of the distance between the nearest point on the island and the axis line of the sea lane.

Where a traffic separation scheme exists, rules for the use of the traffic separation schemes still apply. It should be noted that the axis line of the ASL does not indicate the deepest water, any route or recommended track.

For further details, see Sailing Directions.

Chart 71410

NM 23/03

ASL-ARCHIPELAGIC SEA LANES

Archipelagic Sea Lanes as defined in UNCLOS have been designated in the area of this chart. Use of an ASL is not mandatory. However, vessels exercising archipelagic sea lanes passage shall not deviate more than 25 miles from the charted axis line. Where an island borders the sea lane, ships in the archipelagic sea lanes may not navigate closer to the shore than 10 per cent of the distance between the nearest point on the island and the axis line of the sea lane.

Where a traffic separation scheme exists, rules for the use of the traffic separation schemes still apply. It should be noted that the axis line of the ASL does not indicate the deepest water, any route or recommended track.

For further details, see Sailing Directions.

Chart 71420

NM 23/03

ASL-ARCHIPELAGIC SEA LANES

Archipelagic Sea Lanes as defined in UNCLOS have been designated in the area of this chart. Use of an ASL is not mandatory. However, vessels exercising archipelagic sea lanes passage shall not deviate more than 25 miles from the charted axis line. Where an island borders the sea lane, ships in the archipelagic sea lanes may not navigate closer to the shore than 10 per cent of the distance between the nearest point on the island and the axis line of the sea lane.

Where a traffic separation scheme exists, rules for the use of the traffic separation schemes still apply. It should be noted that the axis line of the ASL does not indicate the deepest water, any route or recommended track.

For further details, see Sailing Directions.

Chart 71430

NM 23/03

ASL-ARCHIPELAGIC SEA LANES

Archipelagic Sea Lanes as defined in UNCLOS have been designated in the area of this chart. Use of an ASL is not mandatory. However, vessels exercising archipelagic sea lanes passage shall not deviate more than 25 miles from the charted axis line. Where an island borders the sea lane, ships in the archipelagic sea lanes may not navigate closer to the shore than 10 per cent of the distance between the nearest point on the island and the axis line of the sea lane.

Where a traffic separation scheme exists, rules for the use of the traffic separation schemes still apply. It should be noted that the axis line of the ASL does not indicate the deepest water, any route or recommended track.

For further details, see Sailing Directions.

SECTION I

NM 23/03

Chart 71440

NM 23/03

ASL-ARCHIPELAGIC SEA LANES

Archipelagic Sea Lanes as defined in UNCLOS have been designated in the area of this chart. Use of an ASL is not mandatory. However, vessels exercising archipelagic sea lanes passage shall not deviate more than 25 miles from the charted axis line. Where an island borders the sea lane, ships in the archipelagic sea lanes may not navigate closer to the shore than 10 per cent of the distance between the nearest point on the island and the axis line of the sea lane.

Where a traffic separation scheme exists, rules for the use of the traffic separation schemes still apply. It should be noted that the axis line of the ASL does not indicate the deepest water, any route or recommended track.

For further details, see Sailing Directions.

Chart 71455

NM 23/03

ASL-ARCHIPELAGIC SEA LANES

Archipelagic Sea Lanes as defined in UNCLOS have been designated in the area of this chart. Use of an ASL is not mandatory. However, vessels exercising archipelagic sea lanes passage shall not deviate more than 25 miles from the charted axis line. Where an island borders the sea lane, ships in the archipelagic sea lanes may not navigate closer to the shore than 10 per cent of the distance between the nearest point on the island and the axis line of the sea lane.

Where a traffic separation scheme exists, rules for the use of the traffic separation schemes still apply. It should be noted that the axis line of the ASL does not indicate the deepest water, any route or recommended track.

For further details, see Sailing Directions.

Chart 71460

NM 23/03

ASL-ARCHIPELAGIC SEA LANES

Archipelagic Sea Lanes as defined in UNCLOS have been designated in the area of this chart. Use of an ASL is not mandatory. However, vessels exercising archipelagic sea lanes passage shall not deviate more than 25 miles from the charted axis line. Where an island borders the sea lane, ships in the archipelagic sea lanes may not navigate closer to the shore than 10 per cent of the distance between the nearest point on the island and the axis line of the sea lane.

Where a traffic separation scheme exists, rules for the use of the traffic separation schemes still apply. It should be noted that the axis line of the ASL does not indicate the deepest water, any route or recommended track.

For further details, see Sailing Directions.

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 15/02 THROUGH NM 23/03

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;
 * indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
12	1	45/02	11309	36	21,26,28,36,46/02;1,6,7, 22/03	11371	35	7/03	11479	4	N15,N24,N27,N28,N29, N35,N50/02;N6,N23/03
20	3	18/03	11310	1	N21,N46/02;N22,N23/03	11372	30	2*,7,8,10,19,23/03	11480	37	32,35/02;1,17,19/03
22	1	18/03	11311	23	15*,21,46/02	11373	42	31*,33,37,40,41,42,45, 49/02;7,9,19,20,21,23/03	11481	4	42*,49/02;6,12,13,19/03
50	5	17/02	11312	3	21,26,28,36,46/02;1,6,7, 22,23/03	11374	31	45*,49,50/02;1,2,7,8,9, 19,20,23/03	11484	21	15,16/02
52	1	18/02	11313	22	31/02;22/03	11375	35	1*,2,5,7,9,20,23/03	11485	33	22/03*
53	2	17/02	11314	22	17*,21,22/03	11376	48	15,16,21,22,23,25,27,29, 31,40,43,50/02;2,7,19,20, 21,22,23/03	11489	34	8*,12,20,22/03
70	4	7/03	11315	30	37/02*	11377	4	26*,40,50/02;2,20,21,22, 23/03	11491	33	18,22,28,29,30,34,37, 38/02;12/03
71	4	7/03	11316	39	17*,22/03	11378	32	11*,12,18,20,21,22/03	11493	9	N24,N39/02;N12,N20, N22/03
72	4	7/03	11317	29	20*,21,25,37,40,49/02; 16,19,20,21,23/03	11382	39	46/02*;9/03	11494	8	N24,N39/02;N22/03
101	3	48/02	11318	1	N21,N29,N46/02;N6/03	11383	49	19*,22,27,30,32/02;9, 18/03	11495	16	19/02*
103	5	16/03	11319	31	7*,19,20/03	11384	32	18,22,30,32/02;9/03	11498	16	19/02*
108	9	32,35/02	11320	1	N28/02;N22,N23/03	11385	25	23/02*	11502	28	14,17,20,22/03
124	10	18/03	11321	29	22,28,39,40,41,45/02;	11388	16	17/02	11503	39	38*,39,43/02;12,14,17, 20,22/03
125	7	21/03	11322	28	19*,20,23/03	11389	32	18,23,28,33,37/02;2,7/03	11504	15	12,22/03
126	39	21/03	11323	59	26*,28,33,37,39,45/02;1, 6,7,9,20,23/03	11390	22	23*,27,33,34,37/02;7, 21/03	11505	1	16,18,26,28,31,34,40, 49/02;1,4,5,11,22/03
301	1	14,21/03	11324	32	22,24,25,31,33,37/02;1, 6,7,9,10,16,20,21,23/03	11391	22	18,23,33,34/02;7,21/03	11506	40	10*,19,22/03
302	1	2/03	11325	34	19*,21,24,35,37,49/02;4, 6,8,16/03	11392	6	34/02;21/03	11507	31	9*,12,20/03
310	20	2,14,21/03	11326	31	7*,9,16,20,21,22,23/03	11393	20	18/02	11508	21	10/03*
400	3	23,26,31,32,33,35,45/02	11327	30	16,21,22,24,28,37,49/02; 1,16,19,20,22/03	11401	29	23/02	11509	27	20/02;1,11/03
401	5	22,23,26,31,33,35,45/02; 14/03	11328	22	21,36,37,39,47,49/02;4,6, 16,20,21,22/03	11404	21	15,23,50/02;9,19/03	11510	18	34/02
411	49	19*,22,23/03	11329	34	21,24,36,37,39,47,49/02; 6,8,16/03	11405	28	31/02*;9,19/03	11511	16	11/03
500	7	21/03	11330	34	21,24,36,37,39,47,49/02; 1,4,8,10,16,21,22/03	11406	11	9/03	11512	59	10*,11,15,20,22/03
501	12	9*,10,18,21,22/03	11331	18	17,23/02;8,19,23/03	11407	18	15/02*	11513	23	18,32,49/02;1/03
502	2	52/02	11332	28	42*,43,49,51/02;6,17,19, 20,23/03	11408	28	3/03*	11514	26	37*,40,49/02;4,5,15, 22/03
507	2	45/02	11333	1	N28/02	11411	14	43*,45/02;7,20/03	11516	29	18,24,37,49/02
508	2	15,24,45/02	11334	67	2*,5,6,7,8,9,14,17,18,19, 21,22,23/03	11412	41	42*,45/02;1,6,7,11,12,13, 14,20/03	11517	17	32/02
513	6	17,38/02	11335	39	14*,17,21,22,23/03	11415	5	42*,45/02;1,2,7,14,20/03	11518	33	14*,19/03
520	127	20,38/02	11336	51	17,21,23,24,30,37,43, 49/02;4,8,17,20,21,23/03	11416	5	42,48/02;1,2,6,11,12,14, 20/03	11520	40	31*,39,40,44,46,51/02;4, 6,7,8,19/03
521	11	17/02	11337	51	17,21,23,24,30,37,43, 49/02;4,8,17,20,21,23/03	11420	27	20*,21,22/03	11521	26	15*,17,32,35/02;9,19/03
522	87	18/02	11338	35	9*,19,22,23/03	11423	7	N20,N24,N39,N42/02; N4,N8,N15,N21,N22/03	11523	21	15*,17,32,35,52/02;5,9, 19/03
523	8	17/02	11339	31	9/03*	11424	18	14/03	11524	46	8*,11,12,13,15,17,19,20, 22/03
524	12	18,47/02	11340	33	42*,43,47,49/02;4,6,7,8, 19,20,21,23/03	11425	34	46*,49/02;4/03	11525	6	N17,N19,N23,N39,N40, N44,N46,N51/02;N4,N6, N8/03
525	3	18/02	11341	39	14*,17,21,22,23/03	11426	35	31/02*	11526	10	20/03*
526	10	18,47/02;6/03	11342	51	17,21,23,24,30,37,43, 49/02;4,8,17,20,21,23/03	11427	33	2/03*	11527	16	37/02;20/03
530	30	22*,26,37,38,40,52/02;6, 10,18,21,22/03	11343	36	17,21,23,37,40,49/02;4,8, 17,19,20,23/03	11428	32	52/02*;6/03	11531	21	31/02*;11/03
531	21	18*,47,52/02;21/03	11344	35	9*,19,22,23/03	11429	21	47/02*	11532	20	15*,37/02
532	17	17,38/02	11345	31	9/03*	11430	25	17/03*	11534	32	17/03*
540	16	51/02;16/03	11346	33	42*,43,47,49/02;4,6,7,8, 19,20,21,23/03	11431	12	31/02*	11535	12	25,46/02
541	2	6/03	11347	33	21*,24,25,26,35,38,43, 45,49/02;4,5,7,18,20, 21/03	11432	25	36/02*;7/03	11536	15	19*,40/02;4,7/03
550	7	18,24,45/02;6/03	11348	19	23/02;6,7,20/03	11433	25	15/02*;6,7,15,22/03	11537	34	21*,23/03
601	4	6,8/03	11349	40	38*,42,51/02;23/03	11441	39	36/02;6,7,15,20/03	11539	18	39,44,51/02;6/03
602	6	47/02;6/03	11350	24	15/02*	11442	35	6,7,15/03	11541	33	8*,9,14,22/03
603	6	47/02;10/03	11351	38	20*,22,23/03	11445	30	7,15/03	11542	15	39/02
604	5	18/02	11352	36	3*,7,8,9,20,22/03	11446	30	36/02;7,15,20/03	11543	22	18,29,39/02;8/03
605	4	6/03	11353	2	21*,24,25,26,35,38,43, 45,49/02;4,5,7,18,20, 21/03	11447	35	38/02*;20/03	11544	37	36/02*;8/03
606	1	17/03	11354	23	15,16,19,22,27,28,33,37, 38,40,47,51/02;7,8,20, 22/03	11448	11	7,8,21/03	11545	60	45*,47/02;6,8,14,22, 23/03
607	1	17/03	11355	24	37*,40,51/02;22/03	11449	16	7/03	11547	35	22*,25,29,30,37,47/02;6, 8,14,22,23/03
621	5	22/02	11356	34	28,29,39,40,42,45,47, 51/02;6,7,19,22/03	11450	8	26*,28/02;15,22/03	11548	38	47/02*
622	9	20,47/02;6/03	11357	35	36*,37,40,42,51/02;6,9, 19,21,23/03	11451	31	20*,22/03	11550	28	17/03*
623	9	47/02;19/03	11358	51	23*,24,26,27,31,39,42, 51/02;7,21/03	11452	21	31/02*	11553	28	8/03*
624	3	22/02	11359	11	22*,26,39/02	11453	16	7/03	11555	38	36/02*;7/03
632	8	15,24,45/02	11360	40	1*,2,5,6,8,19,23/03	11460	38	36*,50/02;6,13,15,21, 23/03	12200	47	38*,42,52/02;7,12,18/03
702	5	7/03	11361	70	21*,23/03	11461	5	28/02;7,15/03	12201	25	N15,N17,N19,N23,N42, N52/02;N7,N12,N18/03
703	4	46/02;7/03	11362	4	N16,N17,N18,N22,N23, N24,N28,N29,N31,N33, N36,N39,N40,N47/02;	11462	24	22*,28/02;22/03	12204	35	10/03*
705	3	46,52/02	11363	38	26*,29,35,38,40,43,49, 51/02;4,5,7,18,19,20,21, 22/03	11463	16	7,22/03	12205	27	37*,43,52/02;18/03
709	2	50/02;19/03	11364	39	3*,4,5,8,9,18,19,21,23/03	11464	16	28/02;7/03	12206	29	31*,33,38,46/02;10/03
800	4	17/02	11365	17	52/02*;9/03	11465	36	52/02*;22/03	12207	20	23,50,52/02;18/03
803	1	17/02	11366	7	48*,51/02;5,6,7,8,19,21, 23/03	11466	35	15,24,26,27,28,29,30,35, 50/02;7,9,12,21,23/03	12208	9	23/03*
1113A		20*,21,22/03	11367	31	16,17,25,33/02;19,21, 23/03	11467	37	47*,50/02;4,12,21,23/03	12210	36	8/03*
1114A		23,39/02;4,9,11,12,13,13/03	11368	22	38/02*;19,21,23/03	11468	39	42*,43,49/02	12211	41	10/03*
1115A		1*,2,5,6,8,19,23/03	11369	44	9*,18,19,21,23/03	11469	5	15,24,27,35,50/02;7,9,12, 21,23/03	12214	44	14*,19/03
1116A		2*,5,6,7,8,9,14,17,18,19, 19,22,23/03	11370	23	17,31,33,40,51/02;9,21, 23/03	11470	36	10*,12/03	12216	27	47/02*;19/03
1117A		28*,30,31,37,39,40,41, 42,45,51/02;1,6,7,8,19, 20,21,22,23/03	11371	31	16,17,25,33/02;19,21, 23/03	11471	16	16,27,51/02;13/03	12217	73	52/02*;1,4,6,7,18,19/03
11004	7	15,16,18,22,26,28,31,37, 39,40,42,43,45,47,51/02; 5,6,7,8,9,14,18,21,22, 23/03	11372	4	N16,N17,N18,N22,N23, N24,N28,N29,N31,N33, N36,N39,N40,N47/02;	11472	31	8/03*	12218	43	14*,18/03
11006	30	28*,36,39,40/02;2,6,19, 21,23/03	11373	38	26*,29,35,38,40,43,49, 51/02;4,5,7,18,19,20,21, 22/03	11473	16	16/02;6,17/03	12219	23	8/03*
11009	36	19,23,24,32,33,45,44,51/02;	11374	39	3*,4,5,8,9,18,19,21,23/03	11474	16	16/02;6,17/03	12220	36	8/03*
11013	44	18*,20,35,50/02;6,7,8,9, 16,12,19/03	11375	17	52/02*;9/03	11475	16	16,27,51/02;13/03	12221	44	14*,19/03
11300	38	26*,28,30,31,37,39,40,41, 42,44,51/02;1,6,7,8, 19,20,21,22,23/03	11376	7	48*,51/02;5,6,7,8,19,21, 23/03	114					

SECTION I

**CHARTS AFFECTED BY NOTICE TO MARINERS
NM 15/02 THROUGH NM 23/03**

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;
* indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
12233	35	3*,4,5,6,14/03	12372	31	45*,47,48/02;2,5,6,23/03	13321	9	20/03*	14832	34	52/02*
12235	29	30,31,47/02;4,6,7,17/03	12373	14	2/03	13322	9	19/02*	14833	25	20,26/02
12237	26	27,47/02;17/03	12375	21	22/02	13323	7	5/03	14835	31	39/02
12238	37	46/02*;1,4,7,19/03	12377	14	22,25,37/02	13324	13	41,52/02;2/03	14836	27	42/02*
12241	21	16,34,44/02;7/03	12378	14	2,13,23/03	13325	14	2/03	14837	27	26/02*;3/03
12245	61	14*,15,18/03	12401	7	31*,47/02;2,13/03	13326	12	41,43/02	14838	3	52/02*
12248	39	18*,30,33,40,50/02;4,5,6, 8,15,22/03	12402	8	31*,33,47/02;13/03	13392	2	6/03	14839	36	9/03*
12251	23	35/02;4,6,7,15/03	13000	N21,N25,N48,N49/02; N21/03	13394	3	39/02*,9,21/03	14842	12	18,23,39/02;2,4/03	
12252	23	33,34/02;4,7,10,15,17/03	13003	46	9*,12,18,23/03	13396	4	9,19,21/03	14843	22	23,39,51/02
12253	42	33,38,42,46,50/02;10, 13/03	13006	30	39*,44,48,49,50/02;1,5,9, 17,18,P21,23/03	13398	3	19*,36/02	14844	31	18/02;4/03
12254	43	38*,43,44/02	13009	30	42*,48,49/02;1,9,18, 23/03	14000	76	21/02	14845	26	18/02;4/03
12255	15	44/02	13200	33	25,37,48/02;7,9,18/03	14003	6	16,25,48,49/02;5,9,12/03	14846	11	18,23,24,39,40,40/02;2/03
12261	28	37*,44/02;7,18,22/03	13201	10	N25,N37,N48/02;N9, 18/03	14008	76	21/02	14847	30	24,40/02
12263	51	38/02*,7,18,20/03	13203	12	37/02	14010	5	21,35/02	14848	56	23,24,31/02;9,17,21, 22/03
12264	28	38/02*,7/03	13205	36	37,42,45,48/02;1,5,23/03	14018	6	16/02	14850	51	21*,23/02;7,21/03
12266	27	30/02;20/03	13209	23	37/02;23/03	14043	7	21/03	14852	45	19*,21/03
12268	10	22/02*	13211	13	21,23,47/02	14044	44	6/03	14853	13	21*,23,24,25,26,31, 37/02;7,9,17,21,22/03
12270	32	9*;18/03	13212	35	9*,13/03	14066	19	6/03	14854	13	24/02;17/03
12272	29	26*,27,36,45/02;13, 16/03	13213	40	14/03*	14067	11	6/03	14860	35	21,24/02
12273	53	26*,31,36,45,50/02;5,15, 17,19/03	13214	27	34*,45,48/02;5/03	14087	58	33/02	14864	26	24,37/02
12274	33	37*,50/02;5,15,17/03	13215	17	45,48/02;1,5/03	14088	10	41/02*	14865	16	4/03
12277	31	26*,50/02;8/03	13216	1	N48/02	14089	29	41/02*	14867	25	32/02
12278	72	26*,36,45/02;19/03	13218	38	29,42,45,51/02;5/03	14090	2	33/02	14871	2	21/02
12280	3	37*,43,45,46,47,50, 52/02;1,6,7,18/03	13221	53	15,29,44,51/02;2,5,7/03	14091	6	41/02*	14872	3	21/02
12281	49	15/02;12,19/03	13223	36	15,52/02/2/03	14111	7	14/03	14873	2	35/02
12282	33	31*,44/02;7,8,18,19/03	13224	36	44/02;5/03	14144	29	21/02	14880	30	33/02;4/03
12283	24	8,18/03	13226	5	44/02;6,7/03	14151	2	37/02	14881	31	28*,33/02
12284	15	7/03	13227	13	7/03	14180	38	21/02	14883	42	17,23/02
12285	35	11*,14,19,22/03	13228	11	51,52/02	14203	12	19/02	14885	20	51/02
12286	29	2*,4,6/03	13229	27	17,39,42,45,52/02;1,7, 19/03	14204	21	19/02	14901	14	52/02*,5/03
12288	19	27/02	13230	46	2*,7,19/03	14206	20	19/02	14902	28	24,25,31/02;4/03
12289	48	10*,19,22/03	13232	4	39,42/02	14221	26	40,46/02	14903	22	23,32/02
12300	43	19/03*	13233	16	17/02;10/03	14222	16	46/02	14904	25	17,31,32,46/02
12301	21	N20*,N28,N29,N37, N39,N42,N45/02;N5, N17/03	13235	5	17/02	14223	18	3,16/03	14905	29	31,35,37/02;5/03
12304	43	21/03*	13236	29	45/02;1,7,19/03	14225	17	38/02;16/03	14906	23	5/03
12311	41	15,18,28,31,42,50,52/02; 8/03	13237	38	17,42,48/02;7,10,20/03	14226	32	40/02;6/03	14907	25	17/02
12312	52	10*,15/03	13241	15	21*,34,42/02	14227	28	40/02;6/03	14910	23	17/03*
12313	48	18,21,27,31,33,43,52/02	13244	39	22*,48/02;7/03	14228	11	40/02;6/03	14911	20	4/03
12314	30	46*,50/02;5/03	13246	36	26,27/02;8/03	14240	6	16,34/02;1/03	14912	16	21/03
12316	29	2*,6/03	13249	12	22/03*	14242	13	34/02	14917	23	17/02;3/03
12317	31	15*,26,37,50/02	13253	18	3*,8/03	14243	8	19,34/02	14918	26	25/02;17/03
12318	41	9/03*	13260	38	28*,36,43,48,49,50/02;1, 7,9,18,P21,23/03	14244	5	19/02;16/03	14919	27	24/02
12323	23	19,40/02;4/03	13263	7	N20,N21,N25,N27,N36, N43,N48,N49/02;N1,N7, N9,N18,NP21,N23/03	14260	47	35/02	14922	19	26*,51/02;9/03
12324	30	2*,8/03	13264	103	21,36,49/02;9,P21/03	14280	37	35/02	14924	27	28*,32/2;5/03
12326	48	17,18,27,28/02;4,8,17, 19/03	13267	30	17,19,27,52/02;1,7,9/03	14310	2	52/02;12/03	14926	9	18,31,32,35,37/02
12327	96	1*,2,8,12,13,14,16,18,19, 23/03	13270	59	17,19,33,34,40,43/02;1,2, 7,12/03	14340	25	16,17,26,33,37,40,52/02; 12,22/03	14927	24	21*,31,32,35,37/02
12331	30	8*,13,14,18/03	13272	47	19,28,40/02;8/03	14349	7	16/02	14928	21	4/03*
12332	21	15,22,43,46/02;13,18/03	13274	24	17,19,27,45,52/02;1,2,	14357	N52/02	14934	27	17/03*	
12333	32	46*,47/02;5,12,16,18, 23/03	13275	27	17,19,27,45,52/02;1,2,7, 16/03	14358	N17,N36/02	14935	21	17/02	
12334	65	10*,12,16,19/03	13276	21	19,27,52/02	14360	36,26,33,36/02	14937	24	52/02*,2,17/03	
12335	39	1,8,23/03	13278	25	1,9/03	14386	3	36/02	14942	25	35/02
12337	22	15,20,28,31,45/02;13, 18/03	13279	30	20/03*	14415	4	33/02	14963	20	51/02
12338	9	21/03*	13282	11	21/03*	14769	N31/02*	14965	21	11/03*	
12339	43	23/03	13285	10	20/03	14772	17	15/02	14966	25	14*,21/03
12341	25	22/02*,21/03	13286	29	39*,40,50/02;1,9/03	14773	16	15,19/02	14967	22	5/03
12343	18	37/02*,7,21/03	13288	40	15*,20,23,29,36,43,50, 51/02	14774	16	15/03	14970	25	21/02
12345	10	42/02*,21/03	13290	34	20,36,40,43,50,51/02;7, 16/03	14776	N31/02*	14973	27	15/03*	
12347	29	25/02	13292	36	20*,36,40/02;7,16/03	14782	24	21,22/02	14974	24	32/02
12348	33	25/02	13293	33	26*,29,43,51/02;14/03	14785	16	22/02	14975	33	52/02*
12350	57	39*,49/02	13295	11	2*,14/03	14786	13	24/02	14984	9	18/02*
12352	29	34/02;17/03	13296	25	43/02	14790	24	18/02*	14995	11	52/02*
12354	39	22,28,33,37,45/02;2,6,7, 10,23/03	13298	10	43,52/02	14792	31	10/03*	15313	1	15/03
12358	19	46*,49/02;1,7,10/03	13301	20	25,33,51/02;23/03	14810	4	19/02	15562	N41/02;N16/03	
12362	16	49/02	13302	21	20,25,41/02;2,7,9/03	14812	3	19/02	15569	N23/03	
12363	39	18,28,44/02;6,23/03	13303	12	48/02*,7,9/03	14813	21	2/03*	15570	N23/03	
12364	34	20*,23/03	13305	28	25,40,41,49/02;2,7,9/03	14816	23	5/03	15585	N14/03	
12365	26	18/02;6,23/03	13307	10	23/03	14820	19	11/03*	15744	N30/02	
12366	27	51/02;20/03	13308	11	40/02	14822	31	10/03*	15880	N41/02	
12367	23	18/02	13309	28	42/02*,9/03	14823	30	1/03*	15954	N47/02*	
12368	26	42/02*	13312	21	10/03*	14824	25	24/02	16003	16	18/02*,13/03
12369	25	31*,44/02	13313	19	21,25,41,49,52/02;6,9/03	14826	27	4/03*	16004	11	13,17/03
12370	18	39/02*	13315	11	19*,49/02	14829	5	21/02	16011	35	38/02;8/03
12371	22	28,47/02;6,13/03	13318	18	38*,41,52/02;5,6,21/03	14830	29	18,23,39,51/02;2/03	16012	21	38/02
						14830	29	18,23,39,51/02;2/03	16013	28	17,22,29,52/02;21/03
						14830	7	39/02*	16042	7	39/02*

SECTION I

NM 23/03

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 15/02 THROUGH NM 23/03

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;
 * indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
16061	8	19*,27,37,49/02;13,17/03	17405	14	12/03	18421	45	2*,18,20,22/03	18651	42	15/03*
16300	8	52/02;3,8/03	17409	10	39/02*	18423	33	1*,5,7,9,15,18/03	18652	31	18,19,20,23,26,27,30,33,38,41,49/02;4,6,7,12,16,21/03
16305	9	8/03	17413	2	43,50/02;10/03	18424	25	7/03	18653	9	15,19,36,38,41/02;4,6,21/03
16322	7	8/03	17414	3	41/02	18427	21	35/02*;7,19/03	18654	42	28*,38,49/02;12,16/03
16363	12	38/02*	17416	3	10,14/03	18428	9	19/02*	18655	58	19,49/02;12,16/03
16380	13	17/02	17420	26	36,37,42,43,50/02;1,10,12,14,20/03	18429	9	3*,22/03	18656	53	19*,21/03
16381	8	8/03	17422	8	52/02*	18430	7	28/02*;6,7,22/03	18657	18	19,26,27,30/02;4,21/03
16382	10	17/02	17425	6	18/02*	18431	6	2/03*	18658	29	23,26,27/02;4,21/03
16435	5	27/02	17426	13	37/02;1,16,20/03	18432	5	14/03*	18659	14	26,30,49/02;7,16,21/03
16440	13	37/02	17427	7	16/02;21/03	18433	5	2*,22/03	18660	1	30,49/02;7,16/03
16441	7	37/02	17428	7	5/03	18434	4	15,26,P44,48/02;6,9/03	18661	27	15*,16/03
16442	6	37/02	17429	2	N38/02*	18440	26	3*,15,18,22/03	18662	20	30/02;7/03
16480	10	38/02	17430	10	5/03	18441	42	30*,32,39/02;6,7,9,15,18/03	18663	5	14/03*
16500	9	9/03	17434	11	5/03	18443	15	17,39/02;6/03	18666	1	26/02;21/03
16520	21	2/03	17436	6	20/03	18444	15	17,39/02	18680	30	15/02;6,13/03
16521	5	27/02	17437	8	16/02;21/03	18445	29	15,17,22,28,32,33,39/02;6,7,9,10,15,18,22/03	18685	31	25/02;6,12/03
16528	16	9/03	17438	12	16,50/02;10,14,15,21/03	18446	15	6,7,9,18,19/03	18687	13	8/03*
16529	14	50/02;9/03	17441	7	10,15/03	18447	26	27,52/02;6,7,10,18/03	18700	21	34,36,37/02;4,6,10,13,21/03
16530	6	50/02	17443	12	10/03	18448	32	15,17,33/02;10,15,22/03	18703	24	36,37/02;4/03
16531	7	18/02*	17445	2	16/02;10,14/03	18449	17	15,17/02;7/03	18704	12	37/02
16535	12	2,21/03	17446		N10/03	18450	17	9/03*	18720	31	23,35/02;4,6,10,12/03
16549	14	4,16/03	17460		N5/03	18452	16	17/02	18721	11	35/02;6,10/03
16553	3	17/03	17465	4	6,12/03	18453	24	14/03*	18723	3	6/03
16556	4	8/03*	17470		N23/03	18455	2	N17,N22,N39/02;N15/03	18724	1	22/03*
16566	10	17/02	17471		N15/02;N6/03	18457	9	15/02	18725	26	23,35/02;4,6,12/03
16568	12	39/02*	17472	4	5,14/03	18458	15	19/03*	18740	39	16,20,23,34,37,45,50/02;
16575	1	39/02	17480	4	15,43/02;5,10/03	18459	5	N17,N22,N32,N39/02;N9,N15/03	18741	18	N25,N45,N50/02;N12/03
16576	3	42/02;6/03	17482		N7,N14/03	18460	11	2*,6,7/03	18744	30	37/02
16580	11	39/02	17485	4	16/02	18464	22	32/02;7,15/03	18746	34	20,23,34/02;5,13/03
16590	10	38/02*	17489	19	43/02	18465	35	2*,15/03	18749	38	16,18,20,23,25,27,40/02;5,6,16,21/03
16592	9	16/03	17495	2	43/02	18468	17	7/03	18751	42	16,20,25,27,40/02;5,6,16,21/03
16593	11	14/03*	17503	4	43/02	18471	8	32/02;7,15/03	18754	16	36/02
16594	13	2/03	17513		N42,N43/02;N15/03	18473	7	4*,18,19/03	18755	10	13/03
16595	14	2/03	17515	7	6,15,16/03	18474	7	45/02*;7,10,15,22/03	18756	6	35/02*;16/03
16596	12	39/02*	17517	8	6,15,16/03	18476	4	17,22,32,39/02;7,9/03	18760	6	N16,N23,N34,N35,N45,N50/02;N6/03
16597	8	16,43/02	17518	7	P44,48/02;16,18,20/03	18477	5	7/03	18761	2	N20/02
16598	9	43/02	17519	13	16/03	18480	29	2*,6,7/03	18762	15	20/02
16599	6	16,43/02	17520	2	N6,N16/03	18484	10	28,40/02;15/03	18763	9	20/02
16603	7	42/02;6/03	17521		N15/03	18485	15	2*,10/03	18765	15	18*,25,45,50/02;12/03
16604	11	22/02*	17522		N15/03	18500	28	19*,22,32,39/02;12,22/03	18766	7	25,45,50/02;12/03
16606	11	37/02*;21/03	17523		N15/03	18502	84	30*,32,39,42,49/02;9,21/03	18768	4	N25,N45,N50/02;N12/03
16608	3	6/03	17524		N12,N15/03	18504	65	19/03*	18769	2	N20/02
16640	24	21/03	17525		N15/03	18520	24	33,39/02;22/03	18772	47	21/03*
16646	12	8/03	17526		N15/03	18521	69	34*,39,49/02;4,10,12,21,22/03	18773	38	18,20,23,25,50/02;10,12,13/03
16660	28	22,25,29,42/02;6,16/03	17528		N43/02;N6,N12/03	18523	53	15,25,26,33/02;4,12/03	18774	10	35/02*;10,16/03
16662	6	22,29/02	17541	3	43/02	18524	33	18*,26,28,31,33/02;4,6,10/03	18775	2	N20/02
16663	6	22,25,29,42/02;6,16/03	17542	6	47/02	18525	33	15,28,31,33/02;4,9/03	18902	9	N23,N25,N37,N51/02;N16,N23/03
16665	7	22,25,29,42/02;6,16/03	17543	17	41/02	18526	55	15,16,28,31,33/02;4,18/03	19004	36	23,25,35,37,51/02;23/03
16680	10	6/03	17545	13	43,47/02	18527	21	16,31/02	19007	16	51/02;16,23/03
16681	10	37/02*	17546	22	42,43,47/02	18528	10	52/02*;18/03	19008	4	16,23/03
16682	15	8*,17,19/03	17548	28	16/03	18531	20	26,31,34/02;9,10/03	19009	4	16,23/03
16683	9	3,6,17/03	17549	6	47/02;15/03	18532	20	10/03	19010	17	45*,51/02;23/03
16700	27	21*,49,52/02;9,16,22/03	17550	4	15,42,43,P44,44,45,47,48,52/02	18533	19	15,26,33,34,37,38,39,40,47,52/02*	19013	16	25,51/02
16701	18	21*,52/02;9,22/03	18000	8	45/02;6,10,21/03	18534	8	21/02*	19320	16	23,27,35,37,51/02;5,16,23/03
16702	10	38,52/02;1,9,13,22/03	18002	6	N45/02;N2,N6,N10,N21/03	18535	5	8/03*	19324	22	27,35/02;5,23/03
16705	19	49/02;16/03	18003	19	22/03*	18538	37	19*,39/02	19327	10	23/02;23/03
16707	10	34,37/02;16,20/03	18005	4	N20,N34/02;N6,N10,N13,N21/03	18541	17	49/02*;4/03	19331	7	23/03
16708	25	37,49/02;16,20/03	18009	2	N52/02;N18,N22/03	18543	38	31,33,42,49/02;12/03	19339	1	N25,N35,N49,N51/02;N5,N13/03
16709	22	15*,49/02	18010	20	33,34,37,38,39,40/02;6,13/03	18544	7	30,39,49/02;4,6/03	19340	26	25,35,49,51/02;5,13/03
16711	2	15/02*	18008	7	N20,N26,N33,N34,N37,N38,N39,N40,N47,N52/02;N18,N22/03	18545	68	25,30,33,39,42/02;4,6,9,10/03	19347	17	25/02
16712	1	16/03	18022	33	23,34,37,45/02;6,10,13,21/03	18546	14	15*,33,37,38,40/02/02	19350	11	27/02
16713	2	49/02	18006	3	N6/03	18547	13	10/03	19351	9	25/02
16741	9	46/02	18007	31	20,26,33,34,37,38,39,40,47,52/02*;18,22/03	18548	5	8/03*	19357	22	42*,49,51/02;5,13/03
16760	10	51/02	18008	7	N20,N26,N33,N34,N37,N38,N39,N40,N47,N52/02;N18,N22/03	18549	37	22/03*	19358	20	28/02*
16762	9	26/02*	18022	33	23,34,37,45/02;6,10,13,21/03	18550	11	34/02	19359	10	12,16/03
17003	4	47,52/02	18009	2	N34/02;N6,N13/03	18551	14	15/02*	19360	1	N37,N51/02
17005	10	41,45,47,52/02	18010	20	33,34,37,38,39,40/02;6,13/03	18552	52	26,28,49/02;21/03	19362	12	49/02
17008	12	43/02	18020	36	20,34,37,45/02;6,10,13,21/03	18553	15	37/02;10/03	19366	36	31,49/02;5/03
17300	30	52/02*;21/03	18400	43	2*,6,16,18,22/03	18554	16	9*,10/03	19367	37	22,31,49/02;10/03
17302	18	21*,51/02	18403	21	6,20/03	18555	16	24,49/02	19369	5	22,31,49/02;10/03
17303	9	15,37/02	18405	12	43/02;16/03	18556	24	15,19,50/02	19379	1	N25,N51/02;N5,N13/03
17315	23	2*,16,21/03	18406	5	16/03	18557	68	25,30,33,39,42/02;4,6,9,10/03	19380	14	25,51/02;5,13/03
17316	20	28/02*;3/03	18411		N16,N20/03	18558	37	22/03*	19381	8	25,49,51/02
17320	15	15/02;13/03	18412	10	20/03	18559	14	2/03	19382	17	49/02;5/03
17323	10	13,22/03	18413	15	20,22/03	18560	15	37/02;10/03	19383	7	20/02*
17327	20	5/03	18414	9	20/03	18561	13	10/03	19384	51	28*,33,38,41/02;4,21/03
17330	7	15/02	18415	8	42/02;7,22/03	18562	52	26,28,49/02;21/03	19385	7	20/02*
17360	32	44/02;1,6,8,11,12/03	18416	6	P44,48/02;22/03	18563	55	10/03			
17379	1	15*,20/02	18417	6	15/03	18564	62	15,19,20,23,33,36,38,41/02;			

SECTION I

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 15/02 THROUGH NM 23/03

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;

* indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
19387	9	N25/02	22222	1	4/03	23141	7	34/02/22/03	24461	4	16/03
19401	8	10/03*	22225	2	12,18/03	23142	10	8/03	24462	5	15,47/02;16/03
19402	6	9/03*	22233	29	13,18/03	23150	10	20,37,52/02	24463	6	24,39/02;12,15/03
19421	7	8/03*	22250	2	42/02;12,18/03	23151	3	12/03	24465	6	15,23,33,47/02
19442	5	14/03*	22251	11	12/03	23152	3	37/02;12/03	24469	1	20,46,47/02;13/03
19461	7	10/03*	22259	4	20/02/20/03	23153	8	20,31/02;12,13/03	24470	4	28,39,47/02
19483	6	11/03*	22264	2	20,42/02;13,18,20/03	24000	39	27,29/02	24471	8	28,47/02
21005	5	45/02;2/03	22275	3	20,42/02;12,18/03	24004	36	29,30/02	24480	1	17,25,27,41,44,45,49/02
21008	62	39,42,43,50/02;1,2/03	22281	9	12,18/03	24016	53	30,39/02	24482	2	24,49/02
21011	5	2/03	22282	17	19/02/12/03	24020	47	27/02	24483	2	20,24,49/02
21014	72	42,50,52/02;2,3,4/03	22283	3	N19/02;N12/03	24024	46	18/03	24484	3	24,49/02
21017	50	23,41,50/02;4,5,6,9/03	22284	7	N10/03	24028	6	23,48/02	24490	3	24,31/02
21020	42	23,41/02;5,6,7/03	22290	4	20/02/18/03	24050	11	27,31,34,38,49/02;20/03	24491	3	31/02
21021	3	45/02;13/03	22293	15	20/02/18/03	24052	15	31,37,38/02;14,19,21/03	24492	20	31,46/02
21023	41	34/02;7,8,9/03	22294	15	12/03	24053	16	24/02;19/03	24501	3	17,27/02
21033	46	20,32/02;1,16/03	22305	2	18/03	24055	6	37,49/02;14,19,21/03	24502	6	46/02
21036	7	1,16/03	22311	19	8/03	24057	4	31,38,49/02;20/03	24504	7	17,41,45,46/02
21120	27	47,50,51,52/02	22312	2	13/03	24058	2	31,32,37,38/02;19,22/03	24508	3	22/03*
21121	18	47/02	22313	2	44/02;8,18/03	24060	2	34/02;17/03	24509	2	17,45,50/02;15/03
21122	5	47/02	22314	1	44/02	24080	5	29/02;17/03	24510	2	17,18,19,41,45,46,50/02
21125	13	51,52/02	22331	2	N10,N19/03	24091	6	26/02;6,21/03	24512	3	25,29,44,46/02
21126	1	50/02	22335	4	19/03	24092	14	26/02;6/03	24513	18	46/02
21140	1	45,50/02;12/03	22341	9	19,43/02;11,21/03	24100	5	27,29/02	24517	2	18,19,46,49/02
21141	23	48/02	22342	9	19/02;21/03	24101	3	37,41/02	25001	7	17,19/02;15/03
21160	1	45/02	22343	1	N19,N43/02;N10,N11,	24102	3	37,41/02	25017	5	15/03
21161	19	43,48/02			N21/03	24110	3	27,29/02	25018	9	15/03
21180	1	2,7/03	22344	6	N23/03*	24130	14	24,29/02;5/03	25400	1	23,26,35,48/02
21182	34	39/02	22345	11	42/02	24140	18	32/02	25480	1	20,42,46/02
21200	1	2/03	22347	6	N23/03*	24141	4	5/03	25481	25	26/02
21301	13	3,12/03	22351	1	N43/02;N12/03	24142	43	5,6/03	25485	45	23,26/02
21342	28	41,44/02	22352	6	12,19/03	24149	1	32/02	25487	2	23,26/02
21384	3	23/02;6/03	22360	2	19/03	24150	27	27,29,30,32/02	25524	43	33/02;1,5,20/03
21401	20	7/03	22361	2	N10/03	24151	4	29,32/02	25525	17	1,5/03
21441	27	34,44/02	22370	2	15,19/03	24152	2	30/02	25526	2	19,33/02
21478	3	9,16/03	22373	1	N50/02;N10/03	24153	6	30/02	25527	31	33/02
21510	1	9,16/03	22375	1	N19/02;N10,N15/03	24156	2	22/02	25528	5	21,42/02
21563	3	45/02	22377	1	N10,N13/03	24159	1	27/02	25550	2	17,19,24/02;21/03
21602	1	28/02	22379	1	N50/02;N10/03	24160	21	27,28/02	25563	50	17,33/02;14,18,21/03
21603	9	5/03	22381	1	N19,N43/02	24161	11	27,42/02;7/03	25565	7	33/02
21605	7	19/02	22395	2	19,42/02;15,19,22/03	24162	9	22,27,42/02;6,7/03	25566	27	17/02;18/03
21661	12	6/03	22401	4	N23/03*	24164	6	27/02	25567	16	19/02;21/03
22004	38	18,20,23,30,32,34,36,39, 41,43,52/02;16/03	22403	1	N45/02	24170	14	5,6/03	25570	3	19,31/02;16/03
22008	35	18,30,34,36,39,41,43,44, 48,52/02;6,14,17/03	22404	15	46/02	24171	19	5,6/03	25575	4	31/02
22012	31	16,30,34/02;6/03	22406	1	N1/03	24172	4	5,6/03	25600	47	24/02
22032	20	19/03	22409	4	N45/02;N10,N17,N22/03	24220	14	27,28/02	25608	21	17/02;16/03
22036	28	18,47/02	22410	32	43,44,46/02;19,23/03	24222	3	27/02	25609	5	30/02
22050	4	19/02;12/03	22413	1	N45/02;N22/03	24223	33	18/02	25613	2	30/02
22051	18	28/02	22417	1	N10/03	24230	20	18,30/02	25640	40	28/02*;15/03
22052	6	28,46/02	22418	2	24,36,44,46/02;19/03	24233	15	36,43/02	25641	26	30/02
22080	3	20,32/02	22420	2	4,11,15,19/03	24234	3	30/02	25644	13	20/03*
22082	4	17,19/02;13/03	22421	4	N43,N44,N46/02;N11, N23/03	24240	5	30,39/02;7/03	25645	17	15/02*
22083	5	19/02	22423	3	N11/03	24250	5	30,39/02;7/03	25646	7	N42/02
22084	4	42/02	22425	2	44,46/02	24251	23	24,34,43/02;6/03	25649	18	18,30,35/02;4/03
22090	2	30,32,43/02;4,17/03	22427	1	N43,N44,N46,N50/02; N11,N23/03	24252	5	30,39,43/02;6/03	25650	33	22*,30/02
22100	3	20,32/02;12/03				24260	5	34/02	25653	13	8/03*
22101	19	16,20,32,43/02	22429	14	N24,N46/02;N10,N14, N17,N19/03	24270	3	24,27/02;17/03	25659	9	20/03*
22102	19	17/03	22430	6	19/03	24271	14	17/03	25663	27	19/02*;17/03
22109	3	17/03	22433	3	39,47/02;11,14/03	24290	3	36,43/02	25666	17	17/03
22111	4	32/02;17/03	22436	2	39/02;10,14/03	24291	4	36/02	25667	20	15/03
22112	3	23,25,30,32,43/02;17/03	22440	1	19/03	24292	4	36/02	25668	18	15*,16,48,49/02;13/03
22113	8	23,25,30/02;12,17/03	22441	31	18,44/02	24293	6	32,36/02	25670	41	26,38,48,49/02;4,5,13, 20/03
22114	5	16,32,42,43/02;17/03	22481	35	43,44/02;19/03	24294	22	36/02	25671	18	21/03*
22120	3	18,23,30,34,36,39,41,43, 52/02	22482	16	44,50/02;23/03	24311	4	27/02	25673	15	28,42/02
22121	9	17,23,30,34,36,44,52/02	22521	3	12,17/03	24320	4	27,28,34,43/02;6,17/03	25675	9	20/03*
22125	1	18,36/02	22523	3	12,17/03	24321	3	6/03	25677	19	21,52/02
22126	1	36/02	22529	3	12,17/03	24322	6	28,34/02;6,17/03	25679	10	20/03*
22130	2	44/02;14,17/03	22531	2	12,17/03	24350	2	31,51/02;18/03	25681	15	4,22/03
22138	2	18,41,44,48/02;6/03	23000	5	18/02	24355	2	51/02	25683	17	30,49,52/02;5,20/03
22140	2	30,34,36,44/02	23010	4	27,38/02	24370	1	34/02	25685	9	22/03*
22142	2	39,41,43/02	23020	4	22/03	24375	2	34/02	25687	11	15,35/02
22143	3	17,41,52/02;14/03	23023	4	27/02	24380	2	35/02	25700	3	15/03
22145	2	N41/02	23030	6	27,38/02;21,22/03	24388	2	35/02	25720	3	33/02
22160	2	30,34,39,41,48,52/02	23115	3	27/02	24404	8	21,26,35,44,48/02	25800	3	24,36/02
22170	3	30,39/02/6/03	23121	7	30/02;17,20/03	24405	10	26,35,36,44,48/02	25841	9	24,36/02
22172	8	48/02*;4,6/03	23122	8	23,30,33/02	24406	30	20,26/02;2/03	25848	25	5,13,15/03
22173	36	48/02*;6,17/03	23123	3	30/02	24408	21	36,44,48/02	25849	13	42/02;12/03
22180	2	30,34/02	23124	3	N30/02;N17,N20/03	24410	2	21,44/02	26001	4	9/03
22181	16	17,27,39,41/02	23125	4	30/02;17/03	24430	5	39/02;8,11/03	26050	1	34/02
22182	6	30,34/02;14/03	23126	6	N24/02*	24431	14	39/02	26060	1	49/02
22183	3	20/02	23127	4	N24/02*	24434	4	39/02	26068	11	18/03
22190	2	30/02	23128	4	N24/02*	24452	7	16,26/02	26081	8	46/02;16/03
22205	2	16/02;12,18/03	23129	2	N24/02*	24454	5	5/03	26083	14	29/02
22221	20	20/02	23131	7	26,31/02;12,22/03	24460	4	15,17,39,47/02;15/03	26122	30	22/03*

SECTION I

NM 23/03

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 15/02 THROUGH NM 23/03

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;
 * indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
26127	21	49/02;5/03	35036	21	17,19,24,30,36/02;10, 15/03	36140	12	21,22,24,36,41/02;4, 10/03	37140	33	15,17,19,21,22,24,27,29, 31,35,49,51/02;4,6,16/03
26128	50	49/02;5/03	35040	18	21,45/02;4,8,10,14,21/03	36141	7	4/03	37141	29	20,21,23,36,40,48,51/02; 1,4,12,17,19/03
26129	11	26/02	35041	8	21,35/02;4/03	36142	6	24/02	37145	23	46,50/02;4/03
26142	10	24,33/02	35042	9	21,27,44/02;4,14/03	36143	4	18,34/02;5/03	37147	15	21,35,36,40/02;1,10,12, 16,17,19/03
26210	2	24,36/02	35044	9	38/02	36161	10	20,24,34,44,45,47,50/02; 4,10,18/03	37148	13	17,21,35,38/02;4,10, 11/03
26229	11	17/02	35047	5	35/02	36162	10	20,35,45,47,50/02;4, 18/03	37149	10	44/02
26230	12	17/02	35060	14	18,22,40,41/02;10,14/03	36163	13	20,31,34,35,38,44,45,47, 50/02;4,18/03	37150	8	16,21,22,31/02;14,19/03
26240	7	23/02;9/03	35080	16	18,22,40/02	36164	7	34,38,44,46/02;8,15/03	37161	14	18,21,22,31,34,43/02;1, 14,19/03
26244	3	9/03	35081	15	22/03	36165	6	17,18,20,22,24,28,36, 44/02;10/03	37162	12	15,16,17,24,26/02;21/03
26245	16	51/02;15/03	35082	7	22/03	36167	2	24,40/02	37164	4	15/02;23/03
26259	2	51/02	35083	8	20/03	36173	1	40/02	37165	2	15,17,18,20,21,34,36/02;
26260	5	24/02	35084	15	50/02	36180	23	17,20,21,22,36,40,50/02; 4/03	37166	2	15,16,17,26/02;14,19, 21/03
26261	27	8/03	35086	5	31/02;22/03	36181	18	17,20,21,22,36,40,50/02; 4/03	37170	11	38/02;14,19/03
26262	3	8/03	35088	2	50/02	36182	6	20,36,40/02	37175	2	5/03
26280	7	23/02	35099	3	41/02	37000	22	23,28,47,48/02;14,23/03	37180	20	21,38/02
26282	6	22,23/03	35100	14	40,45/02;5/03	37005	16	17,18,23,41,45,47/02;5, 12,13,15,23/03	37182	14	35,47,48/02
26290	1	21/03**	35101	6	41/02	37010	23	15,16,17,18,23,26,41,45, 47/02;10,12,13,15,19, 23/03	37183	9	48,51/02;10/03
26295	1	21*;22/03	35103	5	41/02	37025	26	38,51/02;1/03	37184	8	48/02;5/03
26300	7	21/03*	35120	13	40,45,47/02;5/03	37032	2	1,6/03	37200	15	18/02
26308	5	21*;22,23/03	35130	3	48,51/02;5/03	37033	2	47/02	37202	2	18/02;22/03
26309	26	17/02;11/03	35135	1	5/03	37034	2	8,14/03	37205	2	39/02;22/03
26312	2	21/03	35136	2	48,51/02	37041	15	17,20,27,50/02	37221	13	15,16,17,18,20,21,24,25, 27,28,34,36/02;6,10,11, 12,13,14,15,21,23/03
26316	3	21/03	35141	11	34/02	37042	5	17,41,45/02	37222	13	15,27,28/02;21,22/03
26320	5	15,24,27,28,29,35/02;7, 12,22,23/03	35143	7	34/02	37043	17	17,20,43/02	37223	14	26,42/02;21/03
26323	4	1/03	35144	3	11/03	37044	16	45/02	37224	11	15/02;22,23/03
26327	2	N41/02*;N17/03	35150	3	48/02	37045	11	45/02	37226	17	15,16,17,18,20,21,25,28, 30,39/02;8,9,12,14,17,21, 23/03
26328	2	15/02	35159	3	25/02	37046	18	21,31,43/02	37228	14	21,24,27/02;8,14,23/03
27005	4	6,8,9,22,23/03	35163	7	25,44/02	37050	9	18,26,42,46/02;10,12, 17/03	37229	15	15,16,17,20,21,22/03
27040	5	9/03	35166	4	35/02	37060	3	17,21,31,46,50/02;9,13, 18/03	37230	14	16,18,24,25,39/02
27041	4	50/02	35167	3	35/02	37061	15	36,38/02;5/03	37231	18	15,20,21,25,28,30/02;6, 10,12,14/03
27060	2	22,23/03	35169	2	35/02	37063	21	16,21,28,36,50/02	37232	12	15,16,21/02
27080	4	20/02;15,22/03	35200	7	48,51/02;5/03	37064	8	17/02*	37234	13	15,20/02;7,8/03
27081	6	49/02	35210	3	29/02	37065	7	19/02*	37235	11	15/02;17/03
27082	6	18,49,51/02	35230	3	29/02	37075	3	21,31/02;5,18/03	37238	6	17,21/03
27084	4	13/03	35236	2	38,50/02	37079	5	22/02	37241	17	16,17,26/02
27100	2	31/02;8,21/03	35246	2	38,43/02	37080	3	17,24,27,30,33,34,38,40, 42,44,45,46,51/02;1,4,7, 9,14,15,18,20,21,22/03	37242	10	15,20/02;2,11,22/03
27120	4	41,43,44/02	35247	4	50/02	37081	23	18,20,21,28,38,43,50/02	37244	11	16,17,26/02;23/03
27142	5	9/03	35255	3	50/02;14/03	37082	9	28,44,50/02;11/03	37246	14	15/02;21/03
27160	2	8,13/03	35256	2	14/03	37083	8	20,22/02	37248	18	39/02;21,23/03
27161	4	8,13/03	35270	2	38,46/02	37084	9	20,22,38,40,43/02	37258	4	15/02;1,11,22/03
27163	21	49/02;8/03	35276	3	46/02	37085	8	20,22,38,40,43/02	37261	10	15,28/02;1,7,11,20,22/03
27183	8	1,9/03	35277	3	38,46/02	37086	8	17/02*	37262	20	1,11/03
27186	8	1,9/03	35279	3	38/02	37087	7	19/02*	37264	3	30/02;1,15,22/03
28004	1	20,23,45/02;8,9,22/03	35295	3	27/02	37088	7	38,40/02	37265	3	30/02;1,15,22/03
28006	1	8/03	35298	7	27/02	37089	12	21,28/02;4,13/03	37268	4	15/02;1,11,22/03
28050	3	28,34/02	35299	9	13/03	37090	8	27,32,45,51/02;1,7,9,14, 16,22/03	37274	12	45/02
28084	4	17/03**	35301	6	17/03	37095	3	15,17,18,24,28,32/02;1,7, 9,11,14,15,16,20,22/03	37275	6	17,21/03
28110	2	15/02*	35302	7	17/03	37098	9	5/03	37281	15	30/02;1,15,22/03
28150	3	8/03	35303	7	40/02;17/03	37101	9	15,18,27/02	37300	16	18,26,27,28,38,44/02;9, 10,11,PI12,15,17,21/03
28162	29	28/02	35308	5	10/03	37102	3	41/02	37325	8	18,34,39,47/02;15,18,18/03
28164	17	28/02	35310	2	22/02	37104	11	15,17,18,24,28,32/02;1,7, 9,11,14,15,16,20,22/03	37326	2	34,47,51/02;15,18,21/03
28190	2	41,43,45,46/02;18/03	35330	2	22,38,41/02	37105	3	41/02	37328	2	18,42,44/02;11,15,21/03
28196	4	41,43,45/02;18/03	35350	2	38,41/02	37108	8	20,22/02	37330	2	22,24,26,30,32,34,38,40,
28197	4	45/02;18/03	35400	11	30/02	37085	8	38,40/02	46/02;9,13,14/03		
28202	22	41,44/02	35402	3	38/02	37086	8	38,50/02;4/03	37344	11	17,32,44/02;21/03
28210	2	33,35,39,41/02	35420	13	24,30/02	37087	7	38,40/02	37360	15	15,17,27,28,30,32,34,38,40,
28220	2	35,39/02	35421	14	31/02	37088	9	5/03	46/02;9,13,14/03		
28221	18	33,37,39/02;5/03	35423	6	31/02	37089	12	21,28/02;4,13/03	37371	3	17,32/02;2,11,15,21/03
28223	4	35,39/02	35424	3	30/02	37090	8	27,32,45,51/02;1,7,9,14, 16,22/03	37372	10	45/02
28260	30	35,37/02	36005	2	15,17,24,27,28,34,36,38, 45,46/02;P12,14,17/03	37095	3	15,17,18,24,28,32/02;1,7, 9,11,14,15,16,20,22/03	37374	2	34,47,51/02;15,18,21/03
28263	3	35,37/02	36007	11	30/02	37110	11	15,17,18,24,28,32/02;1,7, 9,11,14,15,16,20,22/03	37376	1	38,49/02
28264	3	35,37/02	36010	27	16,19,20,22,24,38/02;5, 15,16,20,23/03	37111	1	47/02	37380	2	15,17,34,40,42,43,44,48, 51/02;9,10,11,15,17,21/03
28265	3	37/02	36015	2	17,24,27,36,46/02	37112	1	47/02;20/03	37386	6	17,31,43,48,51/02;1,2,4, 17,22/03
28281	32	36/02	36040	16	19,30/02;1,15/03	37113	2	43/02	37393	10	45/02
28282	2	35/02	36046	5	38/02	37120	2	15,19,24,27,29,39,42,49, 51/02;4,6,21,23/03	37394	11	17,32,44/02;21/03
28300	1	23,39,50/02	36060	17	16,19,31,38/02;5,8,20, 21/03	37121	11	15,24,27,29,31/02	37396	7	28,32,41,42,44,50/02;4,
28302	16	31,33,39,40/02;12/03	36061	5	46/02;20/03	37122	12	48/02;19/03	37402	7	13,14/03
28310	2	23,31,33,35,39/02	36062	11	40*;46/02	37123	9	19,49/02;6,20/03	37404	10	15,28,34,38,40,41,44, 46/02;6,10,20/03
28320	6	33/02	36064	6	14/02	37124	15	15,19,24,42,49/02;6,9, 20/03	37401	9	28,32,44/02;4,6,13,14,16, 22/03
28321	36	29/02	36062	11	40*;46/02	37125	8	15,41/02	37402	7	28,32,41,42,44,50/02;4,
28323	2	27,29/02	36098	6	5/03	37126	8	15,41/02	37404	23	24/02;10/03
28325	2	27,29/02;5/03	36102	6	13/03	37127	11	49/02;4,6,20/03	37405	7	28,32,41,42,44,50/02;4,
28330	2	27/02	36103	9	13/03	37129	6	39,42,49/02;4,6,20,23/03	37406	1	34,43/02;1,7,03
29002	9	18/03	36104	6	13/03	37133	4	44/02	37407	1	34,43/02;1,7,03
29015	5	22/02;16/03	361								

SECTION I

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 15/02 THROUGH NM 23/03

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;

* indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
37445	1	48/02;1/03	43375	7	46/02;6,7,10,12,16,18,23/03	44193	1	26/02;1,7,15,18/03	51165	8	25,45,50/02;2,4,8,10,14,16/03
37446	2	1/03	43384	1	48/02;4,5,6,7,10,11,12,13,15,16,17,18,23/03	44200	9	20,24,29,34,52/02;4,9,12,13,22/03	51166	3	N25,N45/02
37461	9	51/02;6,20/03	43385	1	27,45,48/02;5,11,13,20,23/03	44203	1	20,24,33,48/02;2,5,15/03	51167	6	45,50/02;2,4,8,10,16/03
37463	6	1/03	44001	2	48,49/02;1,6,7,8,9,11,13,14,P20,23/03	44204	1	48,52/02;2,4,5,7,12,13/03	51168	2	45,46,50/02;2,4,8/03
37481	7	47,48/02;6,7,14/03	44015	8	28,31,48,49/02;6,7,8,9,10,11,13,14/03	44205	2	48,52/02;5,7,12,15,19,22/03	51180	5	13,16/03
37501	3	46,47/02;7,8,20/03	44030	7	20,46/02;4,8,9,13,19/03	44206	1	46/02;4,5,13,16,17,19/03	51200	4	14/03
37505	2	46/02;7,7/03	44036	5	28/02;13,16,17,20,23/03	44207	1	4,5,17,19,23/03	51220	8	33/02;18/03
37506	4	45,46,47,51/02;8,20/03	44037	5	16,22/03	44223	1	6,13,21/03	51222	6	51/02;16/03
38030	1	20,21/02	44038	5	18/02	44224	1	49/02;5,20,21/03	51223	2	17,18/03
38460	7	18/02	44040	23	28,44/02;6,10,13,16,17,20,22,23/03	44240	8	49,50/02;4,7,13,14,15,16,19,21/03	51225	3	27/02
38463	2	N18/02	44041	7	48/02;1,9,10,13,16,20,23/03	44243	2	25/02;5/03	51240	2	33/02
38480	6	18/02	44043	8	44/02;1,6,9,10,11,13,16/03	44260	7	29/02;5,6,13,21/03	51260	4	37,50/02;16,18/03
38528	4	N20/03	44044	6	6,10,13,16/03	44280	9	29,34,49,50/02;2,6,12,15,19,22/03	51261	23	5,6,13,15,19/03
38580	8	18/03	44045	6	22/03	44281	2	49/02;12,15,19,21,22/03	51263	23	49/02;13,17/03
38585	4	18/03	44046	10	18/02;22/03	44282	1	49,50/02;13,17,19,21/03	51300	4	27/02
38603	2	17,21/02	44047	22	26,44/02;10,12,22/03	44283	2	50/02;8,21/03	51341	23	48/02;6,16/03
38610	1	20/02	44048	11	5,12,18,22/03	44284	2	41/02;6/03	51342	3	1/03
41000	2	15/03	44049	9	18,44,46,50/02;8,14,22/03	44285	1	2,15/03	51344	2	5,7,16,18/03
41060	3	34/02	44050	21	18/02;20/03	44286	1	2/03	51380	5	47/02
42003		N23/03**	44051	1	44,48,50/02;1,11,14,22/03	44310	5	20,29,41,42/02;7/03	51500	6	20/03
42004	1	N23/03*	44052	5	21,25/02	44313	1	27,41,47/02	51540	3	22/03
42160	3	7/03	44053	21	18,21/02	44319	2	21,41,42/02;4,6,9,10,22/03	51559	3	41/02
42600	5	14/03	44054	6	22/03	44320	4	23,29/02;6,8,9,15,P20/03	51600	12	20/03
42620	5	14/03	44055	6	22/03	44321	6	19,22,23,29,32,40/02;6,8/03	51620	10	20/03
42740	5	34,41/02;6/03	44056	7	15,16,20,25,30,42/02;16,17/03	44340	11	16,20,21,37/02;4,6,8,9,15,17,P20/03	51621	9	20/03
42742	3	6,8/03	44057	8	21/02;17/03	44341	7	25,37,41/02;7,9,P20/03	52031	1	6,21/03
42760	5	8,19/03	44058	19	22/03	44342	8	37,41/02;6/03	52039	4	5*,7,8,9,13,14,18,21/03
43000	4	9/03	44059	16	18,44,46,50/02;8,14,22/03	44343	2	4,6,7,8,12,15,17,19/03	52040	17	43,50/02;13,16,18/03
43015	12	9/03	44060	11	18/02;20/03	44344	9	16,20,21,34,37,41,42/02;4,9,10,20/03	52042	6	22/03*
43030	24	25,28/02;2,9,10,11,12,13,15,17,22/03	44061	21	18,21/02	44345	2	15,17,P20/03	52043	21	46/02;6,7/03
43058	3	20/03	44062	5	21,25/02	44360	9	16,20,21,34,37,41,42/02;4,9,10,20/03	52045	6	36/02
43059	3	44/02;20/03	44063	8	21/02;17/03	44361	6	21,27/02;4,10,15,21/03	52046	21	50/02;6,7,16,18,21/03
43060	4	44/02	44064	19	22/03	44365	1	7,8/03	52047	11	7,8/03
43079	2	41/02	44065	7	15,16,20,25,30,42/02;16,17/03	44366	1	34,41/02	52048	3	8/03
43082	5	41/02	44066	10	16,20,27,39/02	44367	2	15,16,18,20,22,25,26,29,35,37,40/02;6/03	52051	1	43/02
43101	3	46/02	44067	22	16,21,25,29/02;16,17/03	44400	4	48/02;4,6,7,8,9,12,15,17,19,23/03	52052	1	43/02
43102	4	46/02	44068	11	17,18,20,24,26,44/02;10,11,13/03	44401	7	10,12,19/03	52054	1	14/03
43104	4	46/02	44069	16	16,18,20,21,24,29,31/02;11,13,17,22,23/03	44410	4	4,6,11,12,13,14,15,23/03	52055	1	14/03
43106	6	44/02	44070	19	21/02	44420	6	36,49/02;8,9,10,11,12,14,17,22/03	52060	16	43,50,51/02;7,12,P20/03
43127	5	20/03	44071	2	21/02	44430	2	16,17,28/02;6,10,11,14,19,23/03	52061	2	45,48,51/02;7,12,20,P20/03
43140	4	17,41,48,52/02;12/03	44072	4	21/02	44431	6	21,27/02;4,10,15,21/03	52062	7	7,12,23/03
43141	5	52/02;12/03	44073	2	21/02	44436	1	34,41/02	52066	3	50/02;14,16/03
43142	4	52/02;12/03	44074	11	16,18,20,21,24,29,31/02;11,13,17,22,23/03	44437	2	15,16,18,20,22,25,26,29,35,37,40/02;6/03	52080	14	50,51/02;4,7,10,11,12,14,20,P20/03
43143	4	12/03	44075	4	16,17,21,29,31,42/02;13,23/03	44440	7	10,12,19/03	52082	3	45,46,48/02;11,12,20,P20/03
43144	4	17/02;6,12/03	44076	3	18,25/02;22/03	44441	4	4,6,11,12,13,14,15,23/03	52083	2	45,46,51/02;1,16/03
43145	4	17/02;12/03	44077	9	16,18,20,21,24,29,31/02;11,13,17,22,23/03	44442	6	36,49/02;8,9,10,11,12,14,17,22/03	52084	2	45/02;4,10,11,12,14,18,18/03
43146	2	48/02	44078	11	16,17,18,21,24,25/02;9/03	44443	2	16,17,28/02;6,10,11,14,19,23/03	52085	3	50,51/02;4,11,16/03
43150	2	N17/02	44079	3	18,25/02;22/03	44444	6	31/02;9,12/03	52086	2	45,50,51/02;1,4,9,11,14/03
43160	6	17/02	44081	9	15,16,17,20,24,25,39/02;9,13/03	44445	1	51/02	52087	1	51/02
43161	2	17,41,44/02	44082	11	15,16,17,18,21,24,25/02;9/03	44446	2	45/02;4,10,11,12,14,18,P20/03			
43163	3	44/02	44083	8	15,21/02;9,11/03	44447	2	16,17,19,28/02;6/03	52088	2	45,46,51/02;1,16/03
43164	3	17,48/02;6/03	44084	1	6,11/03	44448	2	26,28,31/02	52089	1	46,51/02;16/03
43180	5	9/03	44085	2	21,25/02	44449	2	38,02/7,03	52120	12	32,51/02;6,11,16,18/03
43182	4	47,52/02	44086	2	21,25/02	44450	4	38,02/7,21/03	52121	8	45,46/02;1,6,8,11,16,23/03
43223	4	41/02	44087	7	15,16,17,18,24,25,26,44/02;9,11,12,13,14,22/03	44451	31	37/02	52122	14	45/02;11,14/03
43225	4	17,52/02	44088	7	15,16,17,18,24,25,26,44/02;9,11,12,13,14,22/03	44452	11	37/02	52124	1	51/02
43240	4	50,51/02	44089	8	16,26,27,28,29,31,50/02;1,6,19,21,23/03	44453	14	1,7,15,17,19,21,22/03	52125	1	45,46/02;8,11,16,18/03
43242	4	52/02	44090	2	21,31/02;9,10,15,19,20,22/03	44454	28	15,17,19,21,22/03	52140	6	48,50/02;3,12,18/03
43243	4	50,51/02	44091	7	15,16,17,18,21,26,27,28,29/02	44455	2	52/02;1,17/03	52141	5	48/02
43248	3	9/03	44092	7	15,16,17,18,21,26,27,28,29/02	44456	10	5,16,13,15,17,21,22/03	52142	2	12,18,23/03
43263	7	44/02	44093	2	22,23/03	44457	31	37/02	52143	8	18/03
43265	2	44,52/02	44094	8	16,26,27,28,29,31,50/02;1,6,19,21,23/03	44458	2	15,17,19,21,22/03	52144	5	50/02;3,7,8,10,14,16,18,21,23/03
43270	2	44/02	44095	2	16,26,27,28,29,31,50/02;1,6,19,21,23/03	44459	7	5,17,15,17,19,21,22/03	52161	14	6,11,14/03
43280	5	44/02	44096	7	46/02;1,4,5,6,11,13,14,15,20/03	44460	6	6/03	52164	2	14/03
43281	6	20/02*	44097	2	21,31/02;9,10,11,12,13,14,15,20/03	44461	1	23/03	52170	3	14,16/03
43284	4	16,51/02	44098	2	21,30/02;1,2,6,10,21/03	44462	2	16,13,15,22/03	52172	2	40/02;1/03
43285	5	15,16,44/02	44099	1	50/02;1/03	44463	4	6/03	52180	14	21,24,42,43,51/02;1,8,10,13,15,16/03
43300	5	15,44,47,50/02	44100	1	48/02	44464	3	50,51/02;1,11,18,22/03	52200	8	7,17/03
43301	4	15,45,50/02	44101	1	46,48/02;1,11,18,22/03	44465	10	29*,33,45/02	53011	2	51/02
43302	4	44,47,50/02	44102	1	46/02;1,5,6,11,20,22/03	44466	1	50,51/02;13,15,22/03	53031	1	17,18,19,21,22,27,28,30,39,48/02;5,12,14/03
43303	4	41,47,50,51/02	44103	2	21/02;2,5,7,10,16/03	44178	2	20/03	53058	2	4/03
43304	2	44,47,50/02	44104	2	10,16/03	44179	2	10,16/03	53060	14	15,17,18,19,21,22,27,28,30,39,48/02;5,12,14/03
43321	6	30,4									

SECTION I

NM 23/03

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 15/02 THROUGH NM 23/03

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;
 * indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
53063	8	19,28,44,47/02;4/03	54061	11	52/02	54423	5	48/02*;17/03	57160	10	43/02
53064	6	33/02;10,20/03	54063	3	1,13/03	54430	1	26,28,37,43/02	57161	4	31/02
53065	2	33/02	54081	3	10/03	54440	4	30,41/02;17/03	57162	7	43/02
53066	2	33/02;20/03	54083	4	19/02	54441	6	30,42/02;2/03	57164	2	43/02
53081	8	15,21,30/02;4,5,11,16/03	54085	2	18,19,40/02;15/03	54462	5	17/03	57165	1	43/02
53082	13	40/02	54090	3	46/02*;11,15,19/03	54464	5	17/03	57170	1	43/02
53083	8	18,19/02;9,10,21,22/03	54095	3	46/02*;8,15/03	54480	8	22,30,36,41/02;2,17, 21/03	57200	6	11/03
53084	6	17,18,24,51/02;14,16/03	54105	3	46/02*;8,13,17,19/03	54481	8	22,30,36/02	57220	4	11/03
53085	6	17,24,51/02;14,16/03	54115	3	46/02*;15/03	54481	8	22,30,36/02	57260	3	23/03
53086	8	20,46,48/02;17/03	54120	5	15,16,17,18,19,20,37,39, 41/02;15,17,19/03	55001	4	18,29,36,37,42/02;14, 15/03	57261	2	23/03
53087	9	48/02;17/03	54125	3	46/02*;15,17/03	55040	4	15,18,23,27,28,31,32,39, 41/02;16,20,21/03	57381	12	52/02;15,16,23/03
53088	7	33/02	54140	7	15,16,17,18,41/02;15/03	55041	7	15,22,32/02;21/03	57400	4	12/03
53089	4	21,22,23/03	54151	1	15/02;3/03	55042	1	18,21,27,28,42/02;17/03	57408	2	12/03
53090	1	41/02	54161	12	16,17,19/02;10,20,21/03	55043	2	21,23,27,28,37,39,42/02	57420	3	12/03
53093	2	20/02	54165	2	33,37/02	55044	5	22,23,41,43/02;16/03	57460	4	10,12/03
53100	16	18,19,21,24,28,33,39,42, 51/02;6,10,13,18,20, 21/03	54166	3	10/03	55045	2	18,21,23,41/02	57471	3	12,15/03
53101	7	33/02;8,13,16/03	54168	1	37/02;10,17/03	55046	4	21,22,23,26,27,30,31,37, 38,39,41,48/02;18,19/03	57480	8	12,15,23/03
53104	2	20,35,42/02;20/03	54169	3	16,37/02;17/03	55047	8	22,23,26,27,27/02	57484	19	15,23/03
53105	20	37/02;8/03	54180	6	19,41,43,50/02;5/03	55048	12	23,27,32,36,37,39,41, 48/02;20/03	61000	20	10,15,23/03
53106	6	19*,20,24/02;21/03	54195	2	5/03	55049	6	22,27,30,41,43/02	61015	8	17/02
53107	16	35/02;6/03	54200	4	21/02;5,8/03	55050	7	19,20,36,37/02	61018	4	18,24/02
53110	1	29,40/02;10,15,17/03	54201	6	21/02;8/03	55053	1	6/03	61020	2	17,28/02
53111	3	31,44/02*	54222	4	21,43/02;20/03	55054	3	23,37,48/02;6/03	61021	3	18/02
53120	14	18,20,21,27,28,39,42/02; 5,6,7,13,17/03	54223	2	21/02;8/03	55055	9	5/03	61036	8	27/02;7/03
53122	3	20,29,40/02;7,8,16/03	54225	2	21/02	55058	7	39/02	61040	6	10/03
53123	3	7/03	54226	2	50/02	55085	9	5/03	61050	4	10,15/03
53125	2	46,51/02;13/03	54227	2	50/02	55100	8	29,36,37/02;6/03	61051	7	15/03
53130	1	27,42,47/02;10,13,18/03	54266	2	13/03	55101	4	7/03	61060	5	12/03
53133	3	41,46/02;16/03	54279	4	50/02*;2,15/03	55102	3	24/02;4,5,15/03	61061	9	10,12,15/03
53135	2	20,51/02;7/03	54280	10	15,20/02;5,15,22/03	55103	2	24,29,48/02;1,4,5,7,15, 19/20/03	61070	4	9/03
53141	5	20,24,34,51,52/02	54281	6	20/02	55104	2	48/02;4,5,7,14,19/03	61080	4	9/03
53147	3	36,39,42,51/02;6,7,10,13, 17,20/03	54282	1	51/02	55105	7	18,29,36,41,42/02;14, 15/03	61090	5	12/03
53149	2	31/02	54284	1	51/02;15/03	55110	2	23,24,29,37/02;6/03	61091	5	12,18/03
53160	14	20,51/02;3,6/03	54286	4	19/02	55110	2	23,24,29,37/02;6/03	61092	13	18/03
53161	8	51/02;3,8,13,18/03	54287	7	5,15/03	55120	2	36/02;6,14/03	61100	4	10,12/03
53162	7	50/02*;15/03	54288	5	1/03	55127	2	10,14/03	61110	3	28/02
53164	9	20,37,51/02	54289	8	19/02;1/03	55128	2	26,33,36,38/02;1,4,5,8, 14/03	61112	10	17/02
53165	13	39/02;8/03	54300	12	31/02	55129	7	33,36,37/02;6,15/03	61120	4	28/02
53180	10	33,34,43,51/02;1,3,6,7, 13,15,18,20,21/03	54302	1	31/02;21/03	55130	2	27,45/02;5,14,19/03	61130	3	28/02
53181	4	34/02;1,13,21/03	54320	4	20,48/02;1/03	55131	1	27,36,45/02;6,19/03	61140	5	27/02
53182	4	36/02;15,16/03	54322	7	19,20/02;1/03	55133	3	5,14/03	61141	6	38/02
53183	13	19*,35/02;20/03	54324	8	19/02	55140	2	1,5,14/03	61142	6	38/02;7/03
53184	5	32,35/02;1,6,13,18,20/03	54327	4	20,31/02	55150	2	24,28,29,37/02;15/03	61170	5	27/02
53200	6	33,36,43/02;5,6,7,15,16, 20/03	54329	4	5/03	55150	2	24,28,29,37/02;15/03	61180	4	20,27/02
53201	6	51/02;18,21/03	54334	3	5/03	55150	2	24,28,29,37/02;15/03	61200	7	17,21/02
53202	6	15,17/03	54339	8	17,31/02;12/03	55160	2	18,24,28,42/02	61210	6	17/02
53203	11	5/03	54340	8	19,48,51/02;3,4/03	55161	1	29/02;17/03	61220	5	17/02
53204	10	44/02;5/03	54341	4	23/03	55170	2	18,29,31,36,41/02	61240	7	18/02
53205	3	5/03	54343	10	19,48/02;4,5,11,12,13/03	55175	1	24,28/02	61250	4	18/02
53206	6	17/02;5/03	54344	6	19,48/02	55180	2	33/02;1,15/03	61300	2	7/03
53220	6	36,43,51/02;5,6,15/03	54346	8	19/02;11,12,13/03	55190	2	6,20/03	61310	2	33/02;7/03
53223	5	29/02	54347	4	51/02	55200	2	27/02;8,10,20/03	61311	5	17,33/02
53226	3	3*,17,18/03	54350	4	51/02	56031	1	1,2,17,21/03	61312	3	17,33/02
53242	12	52/02;1,13/03	54351	7	52/02	56041	4	21/03	61331	4	7/03
53244	2	1/03	54352	3	52/02;1,3/03	56042	6	22/02	61400	2	27/02;7/03
53262	7	22,42/02;21/03	54360	12	15,19,20,52/02;20,21/03	56043	6	22/02	61410	2	7/03
53263	1	37/02;17/03	54362	3	52/02	56060	8	33/02;12,16/03	61430	2	7/03
53264	5	17/03	54363	3	15,19,20/02;21/03	56063	1	21/02;16/03	61433	1	7/03
53265	6	19,35,41,46,52/02;15, 16/03	54364	2	52/02	56064	6	38/02;2,16/03	61434	2	7/03
53266	4	1,8,13,17/03	54365	6	15,19,36/02;11,21/03	56065	3	33,38/02;16/03	61440	2	15/02
53268	4	22,42/02;7/03	54367	3	15/02	56067	3	48/02*;20/03	61450	2	17,27/02
53269	5	19/02;17/03	54368	4	20/02	56081	19	41/02	61470	2	15/02
53279	3	7,15/03	54369	4	15,52/02;20,21/03	56083	2	31/02	61472	1	15,20/02
53281	4	31,40,52/02;15,18/03	54372	2	20/02	56100	13	41,49,50/02;1/03	61500	2	17/02
53282	8	40/02	54380	6	19,26,42/02;3,16,18/03	56101	6	33/02;1/03	61510	2	15/02
53283	4	33,52/02	54382	9	26/02;16/03	56103	6	18,30/02;1/03	61520	2	15/02
53284	4	33,40/02;7,21/03	54386	10	42/02;16,18/03	56104	3	22/*	61538	1	15/02
53285	4	35/02;7,15/03	54387	7	23,42/02;16,18/03	56120	12	1/03	61540	2	15,20/02
53287	6	20,27,35,42/02;1,5,7,8, 10,15,22/03	54389	8	43,52/02	56191	2	18/02	61550	2	17/02
53290	1	35/02	54400	8	20,32,43/02;3,16,22/03	56195	3	22/*	61560	2	15/02;7/03
53301	4	27/02;22/03	54402	4	52/02	57029	9	12/03	61562	2	6/03
53302	4	51/02	54403	4	22,43,52/02	57035	10	10,12,23/03	61581	5	18/02
53303	6	49,51/02	54404	4	19/02	57063	5	40,41/02	61582	4	18/02
53306	2	21,39/02	54407	4	32,43/02;3,7,16/03	57064	3	41/02	61610	7	28,29/02
53311	3	39/02	54409	2	23,32/02;7,8,12/03	57101	18	41/02	61611	11	28/02
54040	3	37/02;6,10,20/03	54413	3	31/02	57103	2	16/03	61612	4	28/02
54041	7	18,35/02;4,8,16,17/03	54418	4	32,43/02;3,7,16/03	57120	13	43/02	61650	3	17/02;12/03
54043	2	15,17,18,29/02;17/03	54419	2	3/03	57140	10	43/02	62000	20	18,46/02
54060	5	18,37/02;6,16/03	54421	6	28,47/02	57141	14	43/02	62001	5	11/03*
54060	5	18,37/02;6,16/03	54422	4	19/02*	57142	6	43/02	62024	13	38,40/02

SECTION I

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 15/02 THROUGH NM 23/03

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;

* indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
62032	16	11*,17,21/03	62520	6	20/03*	71033	31	15,23,37,38,49/02;3,12, 14,15,23/03	72014	10	46/02;7,19/03
62033	3	N11*,N17,N21/03	62521	4	N20/03*	71036	8	35,44/02;12,14,23/03	72021	8	31,36,38,47,50,51/02;7, 20,23/03
62046	3	19/03*	62530	6	20/03*	71040	5	27,34,42/02;7/03	72028	7	15,31,34/02;22/03
62050	6	18,44/02	62531	4	N20/03*	71042	1	34/02	72035	8	16,31/02;8,21/03
62092	7	41/02	62540	6	17*,18,21,23,25,26,29, 31,32,34,40,45,48,50, 52/02;8,12,17,18,21/03	71043	2	25/02*	72045	2	16/02;8/03
62093	7	16,41,49/02	62541	3	N17*,N18,N21,N23, N25,N26,N29,N31,N32, N34,N40,N45,N48,N50, N52/02;N8,N12,N17, N18,N21/03	71044	1	27/02	72050	4	23/03
62100	6	P23/03	62550	3	16/03*	71045	2	23/03	72060	8	32,50/02
62110	9	P23/03	62570	4	17*,21,23,25,26,31,32, 33,34,36,40,45,48/02;8, 12,17,18/03	71058	2	23,36/02	72070	4	32/02;2,9/03
62140	1	34,40/02	62590	2	16,28,29,36,40,46,48/02; 8,12,17,18,21,23/03	71059	1	23,36/02	72075	2	20/02;9/03
62142	10	24,28/02	62591	3	N16,N28,N29,N36,N46, N48/02;N8,N12,N17, N18,N21,N23/03	71061	15	23,36/02	72080	7	20,51/02;2,9/03
62143	3	24,28/02	62580	3	23,26,32,33,45/02;12/03	71066	1	39/02;6,7,10/03	72085	3	15/03*
62144	3	24/02	62590	2	16,28,29,36,40,46,48/02; 8,12,17,18,21,23/03	71071	5	15/02	72094	2	29,38/02;7/03
62170	2	38/02	62570	4	17*,21,23,25,26,31,32, 33,34,36,40,45,48/02;8, 12,17,18/03	71081	3	16/02;21/03	72100	7	29/02;7,19/03
62171	4	38,47/02	62591	3	N16,N28,N29,N36,N46, N48/02;N8,N12,N17, N18,N21,N23/03	71091	4	1,2/03	72103	2	29/02;4,6,7,19/03
62191	15	11*,15/03	62580	3	23,26,32,33,45/02;12/03	71140	6	33,39,46/02;1/03	72105	2	36,38/02;7,11,19/03
62193	17	17*,19,31/02	62590	2	16,28,29,36,40,46,48/02; 8,12,17,18,21,23/03	71180	29	33,37/02;7,12,13,15,21, 23/03	72107	2	15,27,29/02;7,19/03
62194	8	17*,18,19,31,36/02;4/03	62591	3	N16,N28,N29,N36,N46, N48/02;N8,N12,N17, N18,N21,N23/03	71183	13	32/02	72109	3	42,44/02
62195	7	19/03*	62580	3	23,26,32,33,45/02;12/03	71185	24	7,13,15/03	72110	9	15/02
62220	9	21/03*	62590	2	16,28,29,36,40,46,48/02; 8,12,17,18,21,23/03	71186	2	7/03	72130	4	46/02
62222	5	19/03*	62570	4	17*,21,23,25,26,31,32, 33,34,36,40,45,48/02;8, 12,17,18/03	71210	18	44/02;3,23/03	72131	3	11/03
62225	3	17*,37/02;17/03	62591	3	N16,N28,N29,N36,N46, N48/02;N8,N12,N17, N18,N21,N23/03	71211	4	38/02	72161	10	15/02;10/03
62241	10	9/03	63000	13	27,28,48/02	71212	1	18,38/02	72173	2	15/02
62242	11	47/02;9/03	63005	18	15,25,31/02;16/03	71223	8	17/02	72181	2	36/02;7,11/03
62250	4	34,38/02	63010	14	26,29,31,52/02	71230	11	23,38/02;6/03	72190	2	30/02;10/03
62270	4	37,41/02	63015	11	31,38,40,52/02;9/03	71241	10	18/02;6,12,16,20/03	72201		8/03
62271	5	37,41/02;10/03	63020	15	27,31/02;4,9,11/03	71243	5	15/03*	72203	2	16/02
62285	2	26/02	63040	2	46/02	71247	18	20,21/02;5,6,8,14,17,21, 22/03	72211	6	43/02;5,8/03
62290	3	26,37,41/02;10,21, P23/03	63050	2	17,46/02	71248	2	N51/02*:N1/03	72231	8	31/02;21/03
62292	2	24/02	63054	3	19*,31/02	71249	2	35/02	72234	2	18,19/03
62295	3	21,P23/03	63055	2	29/02	71251	11	20,35,40/02;1,15,21/03	72236	1	9,12/03
62302	2	4/03	63060	7	25,28,32/02	71253	10	21,35,40,42/02;5,6,7,13, 14,16,17,21/03	73000	9	26,40,52/02;10,20,21/03
62310	2	27/02	63062	7	18,28,29/02;7,16,18/03	71255	5	6,14,22/03	73002	4	18,24,30/02;5,11/03
62313	4	17*,27/02	63063	9	27,29/02;20/03	71257	2	15,18,21,23,28/02;5,6,7, 12,13,16/03	73004	4	26/02;10/03
62330	2	38,40/02	63065	6	18/02	71258	2	15,18,20,21,28,35/02;5,6, 7,13,22/03	73006	2	26/02
62340	3	38/02	63070	3	20,27,28,29/02;16/03	71259	3	15*,17,19/03	73008	8	16/02;11,13,23/03
62343	3	8/03	63080	5	26,27,28,31,48/02	71261	8	35/02,21,16/03	73012	6	11/03*
62350	3	10/03	63090	8	25,31/02;15/03	71262	7	6/03	73014	10	48,52/02
62355	6	8/03	63091	4	26,27,32,39,48,52/02; 9/03	71265	3	46*,49/02;7,13,15,16, 20/03	73016	4	15,44/02
62360	5	18,38/02;12/03	63100	2	15,44/02	71271	10	23,25,30,34,52/02;19/03	73020	9	25/02;9,21,22/03
62361	2	N18,N38/02;N12/03	63101	15	17,19/02;15/03	71272	10	23,30,34/02;19/03	73024	3	39/02
62366	3	38,40/02;2/03	63102	19	17,19,26/02;15/03	71275	3	23,35/02;2,6,16,19/03	73030	4	20/02;22/03
62392	7	18/02	63103	17	17,26,29/02;15,16/03	71281	7	51/02	73032	4	25/02;9,22/03
62393	7	34,37,50/02	63110	4	40/02;16/03	71285	3	23,25,30,34,52/02;13, 19/03	73041	2	18/02;5/03
62394	10	34,37,50/02	63111	9	17,25,48/02;9/03	71295	2	25,26,30,34,39,40,52/02; 12,19/03	73191	3	7/03
62395	2	34,50/02	63120	2	44,48,52/02;8/03	71297	10	23,30,34/02;19/03	73271	7	21/02;13/03
62400	17	23,24,33/02;4,9/03	63121	5	48/02;5,8/03	71305	2	31,34,36/02;2,13,23/03	73552	4	25,34,45/02;1,7,9,10/03
62401	9	6,10/03	63121	5	48/02;5,8/03	71311	4	7/03	73570	7	34,45/02;1,10/03
62402	10	10/03*	63150	1	15,25,31/02	71313	8	45/02	73580	4	52/02
62404	3	6/03	63200	5	52/02	71314	5	6,10/03	73581	4	16,52/02;3/03
62406	2	24,33/02	63201	9	40/02	71315	2	27,31,34/02	73590	6	16,31,47,52/02
62408	7	15/02;10/03	63210	3	45,52/02;16/03	71320	1	35/02;5,14/03	73601	3	15,17,24,26,31,34,35, 47/02
62409	6	7/03	63220	5	26,45,52/02	71325	8	5/03	73610	4	26,31/02
62411	1	52/02	63230	6	17*,45/02	71330	13	35/02/5;03	73631	4	36,46/02;1,17/03
62413	11	33/02	63231	8	31,45/02	71331	11	5,7,8/03	73640	5	23,36/02;16/03
62417	1	52/02	63232	3	45/02	71333	2	6,7/03	74000	6	24,36,47/02;2,7,18/03
62419	6	33/02;8/03	63233	15	31/02	71335	2	8/03	74002	2	18,25,27,28,35,47/02
62420	5	33,37,39/02;8/03	63240	4	19/03	71340	11	18,19,22,40,46/02;2,4,5, 6,7/03	74003	5	22,25,28,47/02;7,10/03
62429	9	17,27,39,43/02	63250	6	29,40/02;11/03	71343	3	7/03	74004	2	18,35,37,39,47/02;9/03
62431	8	26*,27,37/02	63271	8	19,52/02;8/03	71348	3	18,35/02;7,23/03	74005	2	18,19,31,34,35,46,47, 51/02;4,7,9,16/03
62432	16	13/03*	63290	7	19,31,32,38/02;10,22/03	71349	2	23/03	74006	2	26,31/02
62433	12	15,30,31,34,45/02;1/03	63291	9	19,33/02;16/03	71350	8	15,18,20/02;5,6,7,14/03	74007	1	36/02
62434	9	40,46,52/02;8,12,17,18, 21,23/03	63310	5	11/03	71350	1	14,23/03	74008	6	15,51/02
62437	9	32,46/02;21,23/03	63321	6	30,42/02;9/03	71350	1	14,23/03	74009	10	20,22,25,38,49/02;8,9, 21/03
62439	4	1/03	63322	2	30/02;9/03	71350	1	14,23/03	74012	10	17,20,22,26,37,40,49/02; 6,8,19,20/03
62440	8	16/03*	63330	9	27,39/02;4/03	71350	2	23/03	74015	10	20,40/02;21/03
62441	10	16,36/02	63337	15	27,31,39/02;4/03	71350	8	15,18,20/02;5,6,7,14/03	74017	4	17,18,37,45/02;18/03
62448	2	23/02	63370	1	20/03	71350	1	14,23/03	74018	6	44/02
62449	4	15/02	63400	6	39/02;8,9/03	71401	1	40,46,51/02;5/03	74020	4	16,17,33,37,38,43/02;5, 18/03
62451	7	21,23/02	63410	6	39/02;8,9/03	71402	1	18,40,46/02;4,5,6/03	74021	7	20,33,35,39,44/02;7, 10/03
62453	4	16/03*	63413	5	39/02	71410	1	39/02;12,23/03	74024	7	31,44/02
62455	7	17,27,39,43/02	63417	2	39/02	71420	1	38,39/02;3,12,14,23/03	74027	9	43,44/02
62456	1	27/02	63420	2	39,45/02;8/03	71430	3	11*,20,23/03	74030	6	28,51/02
62457	6	11/03*	63424	2	45/02	71440	2	11*,23/03	74053	2	28,51/02
62459	2	6/03	71005	1	34/02;2,6,12,13,16,23/03	71445	1	7/03	74054	2	28/02
62460	4	24,31,33/02;10/03	71006	5	39/02;23/03	71450	1	22,25/02;7/03	74151	9	20,24

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 15/02 THROUGH NM 23/03

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;
 * indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
74171	4	33,36,47/02;3,10,18, 20/03	74485	3	16,43/02	76050	8	24,49/02;18/03	91331	3	21/02
74172	5	36,47/02;7,10,18/03	74492	7	16/02	76052	8	15,21/02;4,5/03	91340	3	19,21/02
74181	8	23,28,33,35,37,38,39, 47/02;10/03	74493	3	16,38,43,45/02	76054	5	49/02	92006	5	45,46/02;5/03
74182	12	23,24,25,26,28,33,35,37, 38,39,41,42,44,51/02;6, 10,17/03	74510	2	41/02;8,9,16/03	76056	3	9/03	92010	3	19/02
74183	11	38,39,42/02;4,6,17/03	74515	4	20,28,33,35,39/02;4,7, 10/03	76061	3	40/02;9/03	92020	2	19/02
74184	10	23,24,28,33,35,37,38,46, 48/02;17/03	74521	3	28,41/02	76070	9	23,35/02	92025	3	21/02
74186	7	18,34/02;4,10,17,21/03	74527	2	28/02	76071	9	23,35/02	92030	4	19,21/02
74190	7	22,23,26,35,36,37,46/02; 1,16/03	74535	2	31,42,44,48/02	76140	7	46/02	92033	5	45/02
74191	2	19,22,24,26,35,46,48/02; 1,7,9/03	74545	3	28,40/02;18/03	76141	8	19,46/02	92060	3	21/02
74192	3	24,26,28,35,46/02;1/03	74550	4	5/03	76142	1	46/02	92061	3	21/02
74200	8	18,21,27,28,37,46/02;1, 8/03	74555	3	34,43,44,48,51/02;5/03	76150	6	35/02	92115	1	15/02
74201	9	27/02	74560	10	23,28,32,40,43,46,48, 50/02;4,5,18/03	76151	7	22/02	92200	3	19/02
74202	3	16,21,24/02;1,7/03	74561	2	5/03	76161	10	40/02	92210	3	18*,19/02
74204	5	21,24,27,37/02;1,7,8/03	74581	9	20,26,32,34,36,40,41,43, 45/02	76162	1	18/03	92214	4	19/02
74205	2	16,24,25/02	74582	9	18,26,28,40/02;17,20/03	76170	7	29/02	92216	3	23/02*
74206	2	24,34/02	74583	15	26,32,34,40,43,44,48/02	76180	1	18,22,23/02	92290	2	19/03
74210	7	25/02;7,17/03	74584	5	18,22,25,32,34,41,43, 45/02	81002	6	18/02	92296	3	19/03
74220	8	17,23,25,26,35,47,51/02	74590	2	28,51/02	81023	5	18/02	92450	3	21/02
74221	2	35,51/02	74591	7	40/02;8/03	81067	5	51/02;10,12,16/03	92470	3	19,21/02
74229	2	17,22,23,33,37,43,47/02; 18/03	74595	2	28/02	81076	9	51/02;10,12,16/03	92560	4	45/02
74230	7	28,39,42/02;5,7/03	75000	6	47/02;6/03	81092	3	38*,50/02	93006	2	21,39,45/02;4,8,10/03
74231	7	19,23,35/02;3,21/03	75001	3	23,47/02;5,6/03	81171	6	23/02	93010	6	15,17,22,27,38,40,41/02; 2,13,14,18/03
74232	9	15/02;5,7,21/03	75010	7	16,18,41,42,50/02	81175	4	23/02	93018	8	27/02;1,14,18/03
74234	1	8,17/03	75025	9	22,23,36,39/02;2,4,8/03	81200	5	17/03	93020	2	15,24,38/02;4,13/03
74240	8	15,34,39,42/02;4,5,7,8, 9/03	75035	18	21,24,36,39/02;2,6/03	81201	6	17/03	93022	4	18/02
74251	8	15,17,23,25,26,31,32,34, 37,42,44,46,51/02;6,9,17, 21/03	75051	6	16/02;5/03	81205	13	14/03*	93025	5	45/02
74252	9	19,47/02;5,7,9/03	75052	2	16/02	81220	2	17/03	93030	6	18,45/02
74253	6	15,17,19,23,25,27,32, 47/02;8,9,16,20,21/03	75110	2	50/02	82005	5	17/03	93032	3	45/02
74261	9	15,25,41,49/02;4,10/03	75120	2	16,42/02	82010	6	17/03	93043	1	45/02
74265	2	15,17,18,19,25,31,38,41, 43,47,49/02;7,9,16,21/03	75130	16	16,18,21,27,31,34,41,50, 51/02;5,7,8,16,19/03	82015	13	22/02	93046	1	45/02;5/03
74270	3	18,19,26,31,38/02;7/03	75131	7	18,20,28/02;17/03	82020	7	22/02	93047	2	45,49/02
74271	9	19,28,38,46/02;19/03	75132	11	31/02;17,19/03	82030	8	18/02	93048	1	35,49/02;5,14/03
74272	7	26,32/02;4,19/03	75134	3	23,27,33,51/02;5,19/03	82039	1	25,27,43/02	93049	1	45/02;4/03
74273	5	18,19,31,38,41,43/02;7, 19/03	75144	3	20,31,33,36,42,51/02;4, 10,18/03	82044	3	18,33,38/02;7/03	93061	4	45/02
74281	7	3/03	75150	5	16,50/02;16,19/03	82069	10	18,19,20/02	93101	2	N24,N34,N38/02;N2/03
74283	2	46,49/02	75160	6	22,23,24/02;17,18,19/03	82094	6	38/02;17/03	93110	2	22,24,38,40,41/02;1,2/03
74285	2	31,34,35,45/02;1,9,16/03	75170	12	38,39/02;8/03	82697	6	38/46/02	93113	2	19/02
74286	2	15,22,24/02	75171	22	17,18,22,27,31,32,33,36, 38,40,42,48,52/02;1,6, 16/03	83010	6	6/03	93115	2	40,41/02
74287	2	27,34,38,52/02;9/03	75172	5	39/02	83026	32	18,41/02;6/03	93117	2	19,40,41/02
74289	5	18,26/02;9/03	75173	9	17,20,25,31,32,33,36/02;	83032	1	18/02	93160	4	15*,27,34/02;1,14/03
74290	11	25,34,39,45,46,48,49, 51/02;1,7,9,10,16/03	75175	9	16,18,31,33,38,40,45, 50/02;6,18/03	83039	11	41/02;6/03	93180	7	27,34/02
74292	8	27,34,38/02;9/03	75176	9	17,27,42,50/02	83251	2	12/03	93244	7	16/03
74293	7	25,34,45,48/02;9,16/03	75177	7	18,27,38,48,50,52/02; 6/03	83252	8	18/02;12,12/03	93245	6	16/03
74295	3	18,22/02;4,9/03	75180	2	8/03	83253	2	18/02;12/03	93247	4	26/02
74296	4	27,34,38,49/02;9/03	75185	2	22,47/02;8/03	83382	9	20,25,27/02	93260	8	27,31/02;7,18/03
74320	3	35/02;8,18/03	75190	2	23,47/02	83383	19	20,27/02	93261	5	31/02;7/03
74330	3	15/02	75191	6	22,25,37,38,43,47/02;8, 19/03	83392	5	31/02	93268	4	18/03
74340	3	15,27/02;16/03	75193	6	22,49/02;1,5,7,10,16, 19/03	83393	2	N31/02	93270	10	39,45,50/02;8,15,17, 20/03
74350	4	25/02;16/03	75195	6	22,49/02;1,5,7,10,16, 19/03	83425	6	20,35/02	93271	5	20,22,26,32,39,42,45, 50/02;4,11,17,20,23/03
74376	5	43/02;9,16/03	75207	2	36,52/02;4,16/03	83570	2	24/02	93275	6	20,45/02
74380	4	22,32/02;8,9/03	75208	2	26,50/02	83572	1	24/02	93276	4	26,48/02;8,12,17,17/03
74391	3	15/02	75213	2	36,52/02	83574	2	7/03	93730	3	21,39,40,42,45,47,50/02; 2,4,17/03
74392	7	16,22,25,39/02	75215	2	36,39,40,52/02;7/03	83580	2	24/02;8/03	93733	13	17,21,22,26,32,39,45/02; 4,19,20/03
74393	9	16,18,19,25,28,31,38,41, 50/02;3/03	75220	12	36,39,49/02;4,20/03	91005	6	45/02;19/03	93734	11	17,22,26,32,45/02;4,19, 20/03
74394	2	18,19,28,31,41,49,50/02; 3/03	75222	8	18,22,35,40/02	91008	1	29,44,48/02;8,10,12/03	93736	22	16,22,26,32,41/02;4, 20/03
74410	3	16,20,25,38/02;7/03	75240	4	36,39/02;2,4/03	91010	6	29,48/02;10,12/03	93778	8	47/02;7/03
74415	1	39/02	75241	6	34,36/02	91020	5	19,21,22/02;19/03	94004	6	19,29,30,33,37,44,52/02;
74420	3	45/02;19/03	75251	5	23,33,38/02;3,19/03	91025	8	21,22/02	94016	2	23,33,35,52/02;3,9,10,14, 17,21/03
74430	2	49/02	75261	6	17,21,23,24,33,36,48/02;	91030	3	21/02	94028	7	23,25,40,42,52/02;1,6,7,
74440	3	32,39/02;2/03	75262	6	3,6/03	91080	4	21/02	94033	5	19,21,23/03
74450	3	21,22,26,49/02;2/03	75263	9	17,32/02;5/03	91096	1	21/02			
74455	3	19,21,23,48/02;1,4/03	75264	17	16,17,19,33,34,37,41,42, 6,20/03	91110	2	38,41,44/02			
74460	4	21,22,26,37,40,46,49/02; 6,20/03	75265	6	44,45/02;2/03	91286	10	20/02			
74465	2	9/03	75265	2	17,20,21,24/02;6,20/03	91289	19	19,20/02			
74470	2	8/03	76015	1	18,23,24,29,35,40/02	91294	8	19/03			
74475	2	44/02	76020	7	18/02	91297	9	19/03			
74480	2	44/02	76030	9	24,49/02	91300	3	21,22/02			

SECTION I

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 15/02 THROUGH NM 23/03

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;

* indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
94040	13	30,37,47,51/02;6,8,10,17, 18/03	95086	5	15,45,52/02;1,6,8,11,12, 23/03	95341	8	18,19,42,47/02;1,10/03	97152	8	37/02;20/03
94042	9	47,51/02;7,18/03	95087	3	19,21,25,33,40,48/02;1, 8/03	95342	16	30/02;9,13,16,20/03	97153	7	31/02;16,20/03
94060	10	27,29,30,33,37,46,47/02; 7,8,10,12,14,15,18/03	95100	12	15,16,18,38,39,43,44,45, 46,47,50,52/02;1,4,6,7,8, 9,10,17,23/03	96004	14	16,17,44,45/02	97154	2	36/02
94061	5	19,33,35,47/02;23/03	95101	8	15,39,44,50/02;1,5,6,9, 14,17/03	96020	4	41/02	97155	14	20,31,35,36,37,39,40, 48/02;12,13,18,20/03
94063	4	29,33,41/02;8,18/03	95102	8	38,42,45,46,47,48,50, 52/02;1,4,5,8,13,14,17, 23/03	96032	3	38/02	97156	6	21,37/02;1,14,03
94067	10	33/02;10,11/03	95103	8	42,43,45,47,52/02;4,6,7, 10,12,19/03	96039	7	16,17,30/02;23/03	97157	1	35,37/02
94080	7	15,27,29,30,33,44,48/02; 10,19,22/03	95104	8	16,17,30/02;23/03	96041	11	16,17,30/02	97159	6	33,39/02;7,14,16/03
94082	8	25,27,30,44/02;8,19, 22/03	95105	8	16,17,30/02;23/03	96042	11	16/02;10,21/03	97163	14	23/02;14/03
94083	12	17,25,44/02	95106	8	16,17,30/02;23/03	96043	8	16/02	97164	1	7,14,16/03
94084	1	23,25/02	95107	7	17,20,21,42,43,52/02;1,4, 14,21/03	96044	10	29,30/02;23/03	97165	1	7,16/03
94120	6	19,21,33,38,48,52/02;9, 10,17,18,21/03	95108	8	29,30/02;23/03	96120	6	30/02;21/03	97166	1	33/02;21/03
94122	7	19,30,40/02	95109	8	30/02;21/03	96140	5	30/02	97167	2	23,33/02;21/03
94123	9	21,33,38,42,44,52/02;9, 10,15,17,18/03	95110	8	30/02;21/03	96379	1	10/03	97180	6	22,31,34,39,43,45,46, 48/02;4,8,13,20,22/03
94124	13	38,42,44/02;10,15,17/03	95111	7	30/02;21/03	96381	2	10/03	97181	20	18,22,25,31,34,46,48/02; 1,4,7,8,12,13,14,17,18, 20,22,23/03
94127	2	21,33,38/02;6,9,13,16, 18/03	95112	7	30/02;21/03	96382	2	10,12,21/03	97182	13	18,21,23,31,34,39,46, 48/02;1,4,5,6,7,8,12,14, 17,18,20,21,22,23/03
94160	7	26,27,33,38,44,46,47,50, 51,52/02;9,10,12,16,17, 18,19/03	95113	8	30/02;21/03	96400	4	12/03	97183	9	25,44/02;5,9,14,16,18, 22/03
94164	2	26,27,46,50,51/02;12,16, 19/03	95114	9	30/02;21/03	96441	1	41/02;10/03	97184	15	25,28,47/02;1,7,12,14,18, 22/03
94165	4	20,26,50/02;18/03	95115	8	30/02;21/03	96480	3	41/02	97185	2	43/02;1,7/03
94180	9	26,32,42,44,47,50,51/02; 23/03	95116	9	30/02;21/03	96500	6	41/02;10/03	97187	3	44,48/02;9,18/03
94184	2	N51/02	95117	8	30/02;21/03	96520	7	10/03	97188	2	1,7,13,17,20,22/03
94187	3	32/02;14,23/03	95118	9	30/02;21/03	96521	3	N19/02*/;21/03	97189	2	25,28,44/02;9,14,18, 22/03
94188	2	44,46,47,51/02;8/03	95119	9	30/02;21/03	96540	5	10/03	97190	2	22,34,39,52/02;8,13/03
94201	1	51/02	95120	9	30/02;21/03	96560	5	10/03	97200	9	52/02;8,16,17,22/03
94203	10	22,26,41,42,44,46,47, 52/02;10,11/03	95121	11	30/02;21/03	96580	3	10/03	97201	7	18/03
94206	3	22,26,41,42,44,47,52/02; 11,19/03	95122	11	30/02;21/03	96621	5	10/03	97202	15	43,44,45/02;20/03
94207	5	N26,N42,N44,N47, N52/02;N11,N19/03	95123	11	30/02;21/03	96645	1	26/02	97204	9	28,29,45,52/02;4,6,10,19, 20/03
94208	6	N44/02	95124	9	30/02;21/03	96760	4	29,35,45/02	97205	3	18/03
94216	6	27,45/02;10,17/03	95125	5	30/02;21/03	96762	3	29/02;17/03	97206	2	23/03
94217	4	30/02;6/03	95126	13	30/02;21/03	96763	7	29,43,48/02;9,17/03	97218	3	21,41/02;6/03
94218	3	30,36/02;6,18/03	95127	2	30/02;21/03	96764	8	19/02/7/03	97219	4	21,25,31/02;6,9,13,20, 23/03
94219	1	47/02	95128	13	30/02;21/03	96800	4	41/02	97220	3	21,24,31,37,39,42,43, 44/02;6,8,9,17,18,23/03
94220	4	22,26,41,42,47,49/02;8, 10,11,17,18/03	95129	14	30/02;21/03	96910	1	10/03	97221	20	21,24,31,37,39,42,44,45, 49,52/02;6,8,9,10,13,17, 18,19,20,22,23/03
94260	5	49/02;1,6,11/03	95130	9	30/02;21/03	96937	2	40/02	97222	12	25,28,47/02;10,22/03
94280	5	51/02;15/03	95131	17	30/02;21/03	96938	4	4/03	97223	3	42,44,48/02;16,17,22, 23/03
94281	6	6/03	95132	16	30/02;21/03	96941	8	47/02	97224	6	18,25,27,46,47,49/02
94282	9	46/02;8/03	95133	16	30/02;21/03	96944	6	45,52/02;6,13,20/03	97225	31	21,24,37,39,42,44,45/02; 6,8,9,10,17,18,19,23/03
94283	7	46/02;2,8,12/03	95134	16	30/02;21/03	96945	3	43,52/02;20,22,23/03	97226	7	17/02;18/03
94290	2	1,7/03	95135	16	30/02;21/03	96947	15	44/02;1,9,10,12,20,22, 23/03	97227	11	21,24,42,43/02;9,18/03
94322	14	8/03	95136	13	30/02;21/03	96949	2	27/02	97228	15	21,28,30,39,40,42,43/02; 5,6,9,15,17,18,20,21, 22/03
94360	6	18,32,43/02;6,13/03	95137	2	30/02;21/03	96950	6	45,52/02;6,13,20/03	97229	12	18,24,27,31,36,39,47/02; 6,8,9,18/03
94361	13	18,32/02;13,15/03	95138	1	30/02;21/03	96951	9	45,47/02;10,12,22/03	97230	18	29,36,52/02;6,9/03
94363	4	32,43/02;16,18/03	95139	1	30/02;21/03	96952	7	40/02	97231	11	21,41/02;6,23/03
94380	4	N5,N6,N18/03	95140	1	30/02;21/03	96953	7	17/03	97232	8	15,20,25/02;22/03
94384	3	5/03	95141	1	30/02;21/03	97021	7	16/02	97233	11	31,33,43,44,49/02;1,5,6, 9,15,16,23/03
94420	3	39/02;4,8,11,13,14,23/03	95142	2	30/02;21/03	97026	10	23/02	97234	17	29,43,47,49/02;1,6,8,9, 16/03
94421	10	15,45/02;4/03	95143	2	30/02;21/03	97029	3	19/02	97236	20	31,47/02;9,16,23/03
94423	12	19,45/02;11/03	95144	2	30/02;21/03	97040	5	43,47/02	97239	10	31,33/02;1,5,9,16,23/03
94427	2	N32/02	95145	16	30/02;21/03	97041	9	45,47/02;10,12,22/03	97241	6	10/03
94440	2	46/02;18/03	95146	1	30/02;21/03	97042	7	14/03	97243	8	21,28,29,31,33,48/02;1,5, 6,21/03
95016	8	40/02	95147	1	30/02;21/03	97043	2	17,23/02;14,20/03	97244	5	9/03
95040	8	40/02;11/03	95148	2	30/02;21/03	97060	8	46/02;12,14,22/03	97245	11	17,28,36/02;1,5,9/03
95041	7	23/03	95149	2	30/02;21/03	97061	3	52/02	97246	7	43,52/02;5/03
95060	13	15,16,40,43,44,47,48, 52/02;1,6,11,14,17,19,21, 23/03	95150	2	30/02;21/03	97074	2	14/03	97251	4	6,10,17/03
95065	5	48/02;10/03	95151	2	30/02;21/03	97108	3	21/03	97261	15	17,18,41/02;1,5,7,18, 21/03
95066	11	15,16,18,19,20,41,43,44, 47,48,49,50/02;1,5,6,17, 19,21,23/03	95152	5	17/02;13,20,23/03	97120	6	15,22,28,31,37,40,42, 43/02/9,14,16,17/03	97262	10	21,29,34/02;1,5,6,7,15, 21/03
95067	13	18,41,44,46/02;1,5,10,17, 23/03	95153	16	18,41,20,46/02;1,5,6,17, 19,21/03	97140	17	15,22,33,37,39,43,45/02; 7,9,14,16/03	97263	10	5,7,9,15,18,21/03
95068	1	41,42,45,47/02;12,14, 17/03	95154	4	18,40,44,47,48/02;10/03	97141	5	19,21,40,46/02;8,13, 20/03	97264	5	17,18,25,29,40,41/02;1,5, 6,8,10,13,18/03
95080	13	16,18,25,27,30,33,40,44, 45,50,52/02;1,6,7,9,10, 14,17,19,21/03	95155	2	48/02/23/03	97144	14	44*,46/02;7,8,9,13,20/03	97265	16	17,18,25,29,40,41/02;1,5, 6,8,10,13,18/03
95082	9	19,21,25,27,30,33,44, 46/02;1,4,7,11,17/03	95156	3	21/02*	97145	1	15,22,43/02;8,9/03	97266	5	17,37,41/02;1,5,6,7,14, 15,18/03
95083	8	21,25,33/02;1,4,19/03	95157	9	17,48/02;8,20/03	97146	10	44/02*/15/03	97267	16	17,18,25,29,40,41/02;1,5, 6,8,10,13,18/03
95084	7	15,16,18,50,52/02;8,12, 17/03	95158	15	10,14/03	97148	9	21*,23,45/02;9/03	97268	10	6/03
95085	8	21,25,33/02;1,4,19/03	95159	7	46,52/02;4,6,9,19,20,22, 23/03	97149	20	25,34,35,44,45/02;1, 16/03	97269	11	20,45/02;8,13,18/03
95086	4	15,45,52/02;1,6,11,12/03	95160	5	18,20/03	97150	13	34,39,43,44,45/02;20/03	97270	6	36,44/02;1,5/03
95087	5	16,45,48,52/02	95161	16	35,34/02;20,21/03	97151	16	31,35,44,45/02;12,13,14, 16/03			

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 15/02 THROUGH NM 23/03

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;
 * indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.		
97271	12	17,18,25,29,37,39/02;6,10,12/03	805118	3	N12/03		
97272	11	19,52/02;6,10,12,14,23/03	805647	2	N37,N51/02		
97273	10	19,27,34,42,45,49/02;6,8,9,13,14,15,18/03	807370	5	N17/03		
97274	19	19,27,31,34,39,45/02;6,9,15,17,18,23/03	807861	2	N27/02;N22/03		
97276	1	27,29,40/02;9/03	808365	2	N14/03		
97277	11	17,27/02;1,5,6,8,9,14/03	808528	1	N25/02		
97278	11	39/02;1,20/03	809055	7	N16/03		
97279	9	27/02;9/03	809310	9	N18,N39/02		
97280	4	52/02	809679	2	N25,N50/02;N12/03		
97281	2	41/02					
97283	3	45/02;9/03					
97285	6	19,23,27,31,34,42/02;7,13,17/03					
97286	6	21,23,25,27,31,34,35,36,41,42/02;6,8,10,13,17/03					
97287	5	34/02;20/03					
97300	6	1,13/03					
97303	3	18,25,47,48/02					
97320	6	33/02;14/03					
97340	8	27,33,38,52/02;16,17,18,22/03					
97341	9	27,34/02;16,21/03					
97342	14	27,38/02;17,18,22/03					
97343	12	27,38/02;17/03					
97360	6	20,23,27,38/02;5,7,13,18/03					
97380	7	21,39,47,52/02;1,2,8,16,23/03					
97381	7	27/02;7,13/03					
97382	2	41,45/02;4/03					
97383	16	31/02;5,7,13/03					
97384	4	47/02;19/03					
97385	10	31,52/02;5,6,7,9/03					
97387	2	4,5,7/03					
97389	1	39/02					
97390	5	31,39,40/02;2,5,12,16/03					
97391	26	31/02;6,7,12,16/03					
97392	5	21/02;1,21,23/03					
97396	14	18,21,36,39,40/02;2,16,17,23/03					
97397	7	18,25,39,49/02;16/03					
97398	3	21,25,49/02					
97400	3	25,26/02;1,12,17,21/03					
97410	8	21/02;17,19/03					
97412	7	40/02					
97420	17	21,34,39,42,47,52/02;1,8,10/03					
97421	13	20,35,36/02;1,10,13,20/03					
97423	2	20,35,36/02;1,13,20/03					
97425	6	34,39,47,52/02;1,6,8,10/03					
97440	8	20,23,27,52/02;1,16,19/03					
97441	5	20,46/02					
97443	6	15,19/03					
97460	7	40/02;5,19,21/03					
97461	9	21/02;5,8,19,21,22,23/03					
97465	9	21/02;1,6,8,19,20,22/03					
97466	2	25,46/02;1,23/03					
97469	10	26/02;1,6,8,19,20,22/03					
97471	5	N31/02;N22/03					
97472	8	34/02					
97474	7	21/02;22/03					
97480	7	21,35,52/02;3,9,10,17,18,21/03					
97481	6	47,49/02;9,18,20/03					
97483	7	48,52/02;20/03					
97521	6	19,42/02;16,18,20/03					
97564	3	16/03					
800669	8	N20/02					
800744	1	N22,N49/02;N5,N12,N13,N16/03					
801217	1	N21/02;N6,N8,N19,N20,N22/03					
801885	3	N28/02					
802202	8	N23,N31,N35/02;N1,N7/03					
802260	5	N20/02					
803404	2	N26/02					
804037	1	N28/02					
804059	2	N20/02					
804567	4	N17/02					

SECTION II

NM 23/03

NIMA HYDROGRAPHIC PRODUCTS CATALOG CORRECTIONS

Note: Underlining indicates that column in which a correction has been made or new information added.					Edition		Price Category	Page(s)	NTM
NIMA Ref. No. (National Stk. No.)	Title	Scale = 1:	No.	Date					
	REGION 1								
12AHA12208 (7642014010302)	Approaches to Chesapeake Bay	50,000	<u>9</u>	<u>4/03</u>	NOS	1-94	23/03		
	REGION 2								
22XHA22344 (7642014476605)	<u>Chile 7321, Chile-Puerto Montt</u> <u>Plans: Puerto Montt Zona Portuaria</u> <u>Canal Tenglo Marina Chinquihue</u> (Plans not shown on index)	<u>10,000</u>	<u>6</u>	<u>9/01</u>	DS	2-20,62	23/03		
22XHA22347 (7642014476682)	Chile 7210, Chile-Canal Chacao	50,000	<u>6</u>	<u>12/02</u>	DS	2-62	23/03		
22XCO22401 (7642014476628)	Chile 10200, Chile-Canal Trinidad	100,000	<u>4</u>	<u>8/01</u>	DS	2-62	23/03		
	REGION 4								
42XCO42003 (7642014012643)	Canceled							4-2,3,24	23/03
<u>42XCO42004</u> (7642014921679)	<u>Nordkapp to Mys Kanin Nos</u> <u>63 46 00N 24 54 00E</u> <u>74 15 00N 44 34 00E</u>	<u>1,000,000</u>	<u>1</u>	<u>9/02</u>	DS	4-2,3,24	23/03		
	MISCELLANEOUS CHARTS AND PUBLICATIONS								
NOSPBCP6 (7642014008454)	<u>No. 6 Great Lakes, 2003</u>				NOS	10-25	23/03		

Price Categories effective 1 October 2002

A	17.75	E	9.00	G	4.50	I	26.25
D	10.75	F	9.00	H	2.50	R	2.50

CHS Canadian Hydrographic Service

DS Distribution Limited

GPO Government Printing Office

NOS National Ocean Service

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For questions concerning the availability and distribution of announced charts, users should contact the Defense Logistics Agency (DLA) at 1-800-826-0342 or 804-279-6500; DSN 695-6500; Fax 804-279-6524.

NAVIGATION PUBLICATIONS

SAILING DIRECTIONS CORRECTIONS**PUB 120 2 Ed 2001 LAST NM 21/03**

Page 46—Line 14/L; insert after:

Controlled Access Zones

The Minister of National Defense has designated certain areas of Canadian waters as Controlled Access Zones (CAZ). A designated CAZ is in effect for an indeterminate period. The Chief of the Defense Staff sets conditions for access/non-access into a CAZ.

Information on the status of a CAZ is given in the Canadian Annual Notice to Mariners, the Canadian Monthly Notice to Mariners, and through the local Vessel Traffic Management System. The local Queen's Harbourmaster should be contacted if a vessel determines that they will pass through a CAZ.

The CAZs located in the waters covered by this publication are, as follows:

1. Esquimalt Harbour.—The Esquimalt Harbour CAZ is comprised of the water area in Esquimalt Harbour and the contiguous area of water between lines joining the following sets of positions:
 - a. North boundary:
 - i. 48°27.13'N, 123°27.36'W.
 - ii. 48°27.23'N, 123°27.01'W.
 - b. South boundary:
 - i. 48°25.31'N, 123°25.21'W.
 - ii. 48°23.21'N, 123°25.21'W.
 - iii. 48°23.03'N, 123°28.79'W.

Designated CAZs within the Esquimalt Harbour CAZ are, as follows:

- a. Water area contiguous to the naval jetties in Esquimalt Harbour.
- b. Water area within 200m of a designated vessel underway in the Esquimalt Harbour CAZ.
- c. Water area within 500m of a designated vessel that is stationary, including at anchor, in the Esquimalt Harbour CAZ.
2. Rocky Point Ammunition Depot, located SW of Esquimalt Harbour.—The Rocky Point CAZ is comprised of the water area contiguous to the ammunition depot bounded by lines joining the following positions:
 - a. 48°20.04'N, 123°33.20'W.
 - b. 48°20.16'N, 123°32.98'W.
 - c. 48°20.12'N, 123°32.70'W.
 - d. 48°19.98'N, 123°32.56'W.
 - e. 48°19.78'N, 123°32.69'W.

3. Nanoose Bay.—The Nanoose Bay CAZ is comprised of Nanoose Harbour and the contiguous water area bounded by lines joining the following positions:

- a. 49°16.38'N, 124°07.05'W.
- b. 49°16.38'N, 124°06.05'W.
- c. 49°15.96'N, 124°06.05'W.
- d. 49°15.94'N, 124°06.32'W.
- e. 49°15.28'N, 124°06.30'W.

Designated CAZs within the Nanoose Bay CAZ are, as follows:

- a. Water area contiguous to the naval jetties in Nanoose Harbour.
- b. Water area within 200m of a designated vessel underway in the Nanoose Bay CAZ.
- c. Water area within 500m of a designated vessel that is stationary, including at anchor, in the Nanoose Bay CAZ.

(Can Annual Notice No. 43 of 2003) 23/03

Page 50—Line 25/L; read:

Ganges, Prince Rupert, and Vancouver. A SAR

(Can Annual Notice No. 28 of 2003) 23/03

PUB 140 2 Ed 2001 LAST NM 22/03

Page 25—Line 44/R; insert after:

Controlled Access Zones

The Minister of National Defense has designated certain areas of Canadian waters as Controlled Access Zones (CAZ). A designated CAZ is in effect for an indeterminate period. The Chief of the Defense Staff sets conditions for access/non-access into a CAZ.

Information on the status of a CAZ is given in the Canadian Annual Notice to Mariners, the Canadian Monthly Notice to Mariners, and through the local Vessel Traffic Management System. The local Queen's Harbourmaster should be contacted if a vessel determines that they will pass through a CAZ.

The only CAZ located in the waters covered by this publication is in Halifax, Nova Scotia and its approaches. The Halifax CAZ is comprised of the water area in Halifax Harbour and the contiguous area of water NW of a line joining the following positions:

- a. 44°31.19'N, 63°31.19'W.
- b. 44°35.55'N, 63°26.61'W.

Designated CAZs within the Halifax Harbour CAZ are, as follows:

1. Water area contiguous to Naval Jetty NA1.
2. Water area contiguous to Naval Jetty NB.
3. Water area contiguous to Naval Jetty NC.
4. Water area contiguous to Naval Jetty ND.
5. Water area contiguous to Naval Jetty NE.
6. Water area contiguous to Naval Jetty NF.
7. Water area contiguous to Naval Jetty NG.
8. Water area contiguous to Naval Jetty NH.
9. Water area contiguous to Naval Jetty NI.
10. Water area contiguous to Naval Jetty NJ.
11. Water area contiguous to Naval Jetty NK2.
12. Water area contiguous to Naval Jetty NL3.
13. Water area contiguous to Naval Jetty NN3.
14. Water area in Bedford Basin bounded by lines joining the following positions:
 - a. 44°42.06'N, 63°39.55'W.
 - b. 44°42.23'N, 63°38.92'W.
 - c. 44°42.55'N, 63°39.06'W.
 - d. 44°42.41'N, 63°39.71'W.
15. Water area SE of MacDonald Bridge bounded by lines joining the following positions:

PUB 140 (Continued)

- a. 44°39.92'N, 63°34.91'W.
 - b. 44°39.63'N, 63°34.34'W.
 - c. 44°39.51'N, 63°34.48'W.
 - d. 44°39.77'N, 63°35.05'W.
16. Water area SW of McNabs Island bounded by lines joining the following positions:
- a. 44°36.34'N, 63°32.45'W.
 - b. 44°36.32'N, 63°32.05'W.
 - c. 44°36.37'N, 63°31.85'W.
 - d. 44°36.39'N, 63°31.72'W.
 - e. 44°36.65'N, 63°31.76'W.
 - f. 44°36.74'N, 63°31.92'W.
 - g. 44°36.69'N, 63°32.14'W.
 - h. 44°36.80'N, 63°32.30'W.
 - i. 44°36.73'N, 63°32.66'W.
17. Water area within 200m of a designated vessel underway in the Halifax CAZ.
18. Water area within 500m of a designated vessel that is stationary, including at anchor, in the Halifax CAZ.
(Can Annual Notice No. 43 of 2003) 23/03

Page 26—Lines 21 to 33/L; read:

Coast Guard stations, which are equipped with a lifeboat and are operational 24 hours, are located, as follows:

1. St. John, New Brunswick (45°16'N., 66°03'W.).
2. Shippegan, New Brunswick (47°45'N., 64°42'W.) (seasonal).
3. Westport, Nova Scotia (44°16'N., 66°21'W.).
4. Clarks Harbor, Nova Scotia (43°26'N., 65°38'W.).
5. Sambro, Nova Scotia (44°28'N., 63°35'W.).
6. Bickerton, Nova Scotia (45°05'N., 61°42'W.).
7. Louisbourg, Nova Scotia (45°55'N., 59°58'W.).
8. Souris, Prince Edward Island (46°21'N., 62°15'W.) (seasonal).
9. Summerside, Prince Edward Island (46°24'N., 63°47'W.).
10. Cap-aux-Melles, Quebec (47°23'N., 61°55'W.) (seasonal).
11. Tadoussac, Quebec (48°09'N., 69°43'W.).
12. Quebec, Quebec (46°49'N., 71°13'W.).
13. Burin, Newfoundland (47°03'N., 55°10'W.).
14. Burgeo, Newfoundland (47°36'N., 57°37'W.).

(Can Annual Notice No. 28 of 2003) 23/03

Page 47—Line 7/L; insert after:

Ice 48
(NIMA) 23/03

Page 48—Line 16/L; insert after:

Ice

The Danish State Ice Service, which includes the Ice Breaking Service and the Ice Reporting Service, assists vessels in Danish waters during ice conditions.

Requests for ice breaking assistance will normally be directed to the state ice breakers of the State Ice Service. The ice breakers can be contacted on VHF channel 16 or through Lyngby Coast Radio Station.

The State Ice Service decides, based on prevailing and predicted ice conditions, when compulsory reporting for vessels bound for harbors within a certain area is introduced. This information will be given in the daily ice reports. During a compulsory reporting period, vessels should send their report to the State Ice Service well in advance of arriving in iced Danish waters and include the following information in the report:

1. Vessel name.
2. Flag.
3. Call sign.
4. Vessel size.
5. Engine power.
6. Year built.
7. Gear limit.
8. Amount of cargo.
9. Port of destination.
10. ETA in iced Danish waters.

During the reported voyage, vessels should obey the instructions given by the State Ice Service. Vessels should report to the ice breaker or the State Ice Service no later than when arriving in iced Danish waters. After initial contact with the ice breaker, vessels should maintain a continuous listening watch, unless otherwise directed.

Any vessel delaying or cancel its voyage after submitting the above-described report shall immediately notify the State Ice Service.

(BA NP 286(2))

23/03

Page 51—Line 53/L; insert after:

Deep Sea Pilotage

A deep-sea pilot is strongly recommended for infrequent visitors to the area and for all vessels constrained by their draft. Vessels requiring a deep-sea pilot should request this service through DANPILOT or other designated stations.

Pilotage through Route T from Skagen to Bornholm and vice versa can be ordered through a coast radio station from the following:

1. Skagen Deep Sea Pilots.
2. Store Baelt Pilot Station.
3. Gender Deep Sea Pilots.
4. Soundpilot Deep Sea Pilots.

Deep sea pilots should be ordered at least 12 hours prior to ETA and should be confirmed 3 hours prior to ETA.

General

(BA NP 286(2))

23/03

Page 51—Line 5/R; read:

5. Towed vessels 150 grt

(BA NP 286(2))

23/03

Page 51—Lines 11 to 24/R; read:

Pilotage is also compulsory for certain vessels within the following Danish harbors, fjords, and bridges; see the appropriate Sailing Directions (Enroute) for details of these compulsory pilotage areas:

1. Kobenhavn, Amagevaerket, and Provestenen.
2. Fredericia and Lyngs Odde.

PUB 140 (Continued)

3. Guldborgsund to Nykobong, Falster.
4. Hals Barre to Alborg.
5. Helsingor.
6. Hundested.
7. Kalundborg and Statoil Pier.
8. Karrebaek Fjord to Naestved.
9. Limfjorden West to Alborg.
10. Mariager Fjord.
11. Masnedsund Bridge to Vordingborg.
12. Odense Fjord and dredged channel.
13. Arhus.

Pilotage is strongly recommended in all other Danish harbors.

(BA NP 286(2); BA NM 38/02, Section VI) 23/03

Page 51—Line 34/R; read:

Outbound vessels should send a request for pilotage 4
(NIMA) 23/03

Page 55—Line 17/R; read:

The Time Zone description is QUEBEC (+4). Daylight Savings Time is not observed.

(BA NP 282) 23/03

Page 62—Lines 34 to 40/L; strike out.

(BA NM 2/03, Section VI) 23/03

Page 62—Line 17/R to Page 64—Line 13/R; read:

Restricted Areas

Certain areas in Finnish waters have been designated as restricted areas. Regulations for these areas prohibit landing or approaching the shore closer than 100m in the vicinity of military areas. Fishing; anchoring outside authorized anchorages, except in an emergency; and underwater activities are prohibited without prior permission.

Gulf of Finland

1. **Haapasaari.**—Area enclosed by a line joining the following positions:

- a. 60°15.08'N, 27°04.50'E.
- b. 60°12.25'N, 27°04.49'E.
- c. 60°12.24'N, 27°14.56'E.
- d. 60°18.77'N, 27°14.61'E.
- e. 60°18.78'N, 27°11.19'E.
- f. 60°17.41'N, 27°08.64'E.
- g. 60°17.29'N, 27°08.00'E.
- h. 60°16.06'N, 27°06.13'E.

2. **Kirkonmaa.**—Area enclosed by a line joining the following positions:

- a. 60°22.74'N, 26°57.10'E.
- b. 60°21.20'N, 26°57.40'E.
- c. 60°21.11'N, 27°05.58'E.
- d. 60°24.15'N, 27°05.59'E.
- e. 60°24.87'N, 27°03.30'E.
- f. 60°24.94'N, 27°02.51'E.
- g. 60°24.60'N, 27°02.29'E.
- h. 60°24.68'N, 27°01.54'E.

- i. 60°24.37'N, 27°00.33'E.

3. **Orregrund.**—Area enclosed by a line joining the following positions:

- a. 60°16.77'N, 26°24.66'E.
- b. 60°11.73'N, 26°24.71'E.
- c. 60°10.25'N, 26°26.69'E.
- d. 60°10.31'N, 26°39.28'E.
- e. 60°16.75'N, 26°28.98'E.

4. **Vaarlahti.**—Area enclosed by a line joining the following positions:

- a. 60°12.34'N, 25°34.36'E.
- b. 60°10.69'N, 25°34.42'E.
- c. 60°10.85'N, 25°40.02'E.
- d. 60°12.39'N, 25°38.50'E.

5. **Pirttisaari.**—Area enclosed by a line joining the following positions:

- a. 60°09.36'N, 25°25.98'E.
- b. 60°09.27'N, 25°27.05'E.
- c. 60°08.95'N, 25°29.02'E.
- d. 60°10.10'N, 25°28.21'E.
- e. 60°10.38'N, 25°27.05'E.
- f. 60°10.22'N, 25°26.17'E.
- g. 60°09.91'N, 25°25.76'E.

6. **Santahamina.**—Area enclosed by a line joining the following positions:

- a. 60°08.61'N, 24°59.83'E.
- b. 60°07.45'N, 24°59.42'E.
- c. 60°07.44'N, 25°04.84'E.
- d. 60°08.37'N, 25°05.40'E.
- e. 60°08.63'N, 25°05.45'E.
- f. 60°09.00'N, 25°05.48'E.
- g. 60°09.42'N, 25°03.81'E.
- h. 60°09.47'N, 25°03.14'E.

7. **Isosaari.**—Area enclosed by a line joining the following positions:

- a. 60°06.68'N, 25°04.92'E.
- b. 60°06.65'N, 25°00.82'E.
- c. 60°06.25'N, 25°00.42'E.
- d. 60°04.67'N, 25°01.89'E.
- e. 59°58.61'N, 24°59.96'E.
- f. 59°58.73'N, 25°08.26'E.
- g. 60°05.47'N, 25°07.88'E.

8. **Miessaari.**—Area enclosed by a line joining the following positions:

- a. 60°08.28'N, 24°47.72'E.
- b. 60°07.93'N, 24°47.83'E.
- c. 60°07.65'N, 24°47.05'E.
- d. 60°07.70'N, 24°46.60'E.
- e. 60°07.83'N, 24°46.58'E.
- f. 60°08.08'N, 24°46.78'E.
- g. 60°08.28'N, 24°47.40'E.

9. **Rysakari.**—Area enclosed by a line joining the following positions:

PUB 140 (Continued)

- a. 60°06.20'N, 24°50.30'E.
- b. 60°06.05'N, 24°50.57'E.
- c. 60°05.83'N, 24°49.97'E.
- d. 60°06.12'N, 24°49.50'E.

10. Katajaluoto.—Area enclosed by a line joining the following positions:

- a. 60°06.23'N, 24°55.18'E.
- b. 60°06.15'N, 24°55.60'E.
- c. 60°05.67'N, 24°54.92'E.
- d. 60°05.83'N, 24°54.45'E.

11. Upinniemi.—Area enclosed by a line joining the following positions:

- a. 59°46.20'N, 24°05.18'E.
- b. 59°48.70'N, 24°26.59'E.
- c. 59°56.27'N, 24°23.91'E.
- d. 59°56.26'N, 24°22.66'E.
- e. 59°55.65'N, 24°21.22'E.
- f. 59°56.25'N, 24°19.86'E.
- g. 60°00.20'N, 24°22.97'E.
- h. 60°01.00'N, 24°23.43'E.
- i. 60°01.72'N, 24°23.10'E.
- j. 60°02.51'N, 24°22.44'E.
- k. 60°02.79'N, 24°21.74'E.
- l. 59°58.76'N, 24°09.85'E.
- m. 59°57.09'N, 24°03.66'E.
- n. 59°56.13'N, 24°01.06'E.
- o. 59°55.70'N, 24°00.24'E.
- p. 59°55.02'N, 24°04.37'E.
- q. 59°54.18'N, 24°06.64'E.

12. Hasto Buso.—Area enclosed by a line joining the following positions:

- a. 59°50.67'N, 23°18.86'E.
- b. 59°50.02'N, 23°19.07'E.
- c. 59°49.62'N, 23°20.60'E.
- d. 59°49.90'N, 23°21.42'E.
- e. 59°50.55'N, 23°21.51'E.

13. Hanko.—Area enclosed by a line joining the following positions:

- a. 59°46.92'N, 22°55.3'E.
- b. 59°38.38'N, 22°55.09'E.
- c. 59°39.12'N, 23°12.20'E.
- d. 59°43.58'N, 23°12.88'E.
- e. 59°45.03'N, 22°57.68'E.
- f. 59°45.76'N, 22°57.54'E.
- g. 59°46.79'N, 22°59.96'E.

Saaristomeri

1. Kemio.—Area enclosed by a line joining the following positions:

- a. 60°09.96'N, 22°25.09'E.
- b. 60°06.82'N, 22°21.76'E.
- c. 60°06.21'N, 22°24.46'E.
- d. 60°06.58'N, 22°26.86'E.
- e. 60°06.76'N, 22°27.48'E.
- f. 60°09.17'N, 22°32.88'E.
- g. 60°09.61'N, 22°33.01'E.

- h. 60°10.30'N, 22°32.74'E.

2. Oro.—Area enclosed by a line joining the following positions:

- a. 59°50.55'N, 22°15.25'E.
- b. 59°45.38'N, 22°14.04'E.
- c. 59°41.27'N, 22°14.63'E.
- d. 59°41.54'N, 22°22.16'E.
- e. 59°43.51'N, 22°21.61'E.
- f. 59°46.83'N, 22°21.50'E.
- g. 59°47.63'N, 22°21.41'E.
- h. 59°48.00'N, 22°21.53'E.
- i. 59°50.25'N, 22°21.88'E.
- j. 59°50.60'N, 22°20.67'E.

3. Uto.—Area enclosed by a line joining the following positions:

- a. 59°48.46'N, 21°20.05'E.
- b. 59°46.54'N, 21°20.21'E.
- c. 59°41.55'N, 21°20.08'E.
- d. 59°42.00'N, 21°29.94'E.
- e. 59°45.47'N, 21°29.93'E.
- f. 59°47.62'N, 21°29.94'E.

4. Gylto.—Area enclosed by a line joining the following positions:

- a. 60°06.55'N, 21°26.63'E.
- b. 60°05.50'N, 21°27.98'E.
- c. 60°06.02'N, 21°31.76'E.
- d. 60°07.63'N, 21°31.47'E.
- e. 60°08.34'N, 21°30.99'E.
- f. 60°08.59'N, 21°29.55'E.
- g. 60°08.01'N, 21°28.87'E.

5. Houtskar.—Area enclosed by a line joining the following positions:

- a. 60°12.81'N, 21°27.94'E.
- b. 60°12.85'N, 21°29.93'E.
- c. 60°13.43'N, 21°30.09'E.
- d. 60°13.68'N, 21°29.78'E.
- e. 60°13.69'N, 21°28.62'E.
- f. 60°13.76'N, 21°28.30'E.
- g. 60°13.70'N, 21°27.44'E.
- h. 60°13.47'N, 21°27.35'E.

6. Pansio.—Area enclosed by a line joining the following positions:

- a. 60°26.88'N, 22°06.66'E.
- b. 60°25.75'N, 22°07.05'E.
- c. 60°25.89'N, 22°09.37'E.
- d. 60°26.00'N, 22°09.44'E.
- e. 60°27.17'N, 22°08.84'E.

(BA NM 11/01, Section IV)

23/03

Page 137—Line 15/R; read:

The Time Zone description is BRAVO (-2). Daylight Savings Time (CHARLIE (-3)) is maintained from the end of March through the end of October; the exact changeover dates should be obtained from local authorities.

(BA NP 282)

23/03

PUB 140 (Continued)

Page 145—Line 22/R; read:

The Time Zone description is BRAVO (-2). Daylight Savings Time is not observed.
(BA NP 282) 23/03

Page 185—Lines 33 to 36/R; strike out.
(NIMA) 23/03

Page 219—Line 21/R to Page 220—Line 5/L; read:

High speed craft are reported (2002) to be in operation in the following areas:

1. Channel Islands-St. Malo, France.
2. Weymouth-Channel Islands.
3. Poole-Channel Islands.
4. Dover-Oostende, Belgium.
5. Tilbury-Boulogne, France.
6. Cairnryan-Larne, Ireland.
7. Newhaven-Dieppe, France.
8. Dover-Calais, France.
9. Stranraer-Belfast, Northern Ireland.
10. Liverpool-Dublin, Ireland-Isle of Man.
11. Liverpool-Isle of Man-Belfast.
12. Liverpool-Dublin-Belfast.
13. Fishguard-Rossllare, Ireland.
14. Holyhead-Dun Laoghaire, Ireland.
15. Harwich-Hoek van Holland, Netherlands.
16. Belfast-Troon-Stranraer.
17. Portsmouth-Cherbourg, France.
18. Portsmouth-Isle of Wight.
19. Southampton-Isle of Wight.
20. Southsea-Isle of Wight.

(BA Annual Notice No. 23 of 2003) 23/03

Page 220—Lines 44 to 49/L; strike out.
(NIMA) 23/03

Page 224—Lines 14 to 15/L; read:

freedom to maneuver and may be operating divers within 1,000m of their position. Mariners are requested to observe the
(BA Annual Notice No. 10 of 2003) 23/03

Page 224—Line 26/L; read:

approach closer than 1,000m. Minehunters normally work in
(BA Annual Notice No. 10 of 2003) 23/03

Page 224—Line 29/L; read:

guided submersible. These may be up to 1,000m from the
(BA Annual Notice No. 10 of 2003) 23/03

Page 224—Lines 43 to 44/L; read:
about 1 mile.

X5039 Quebec One

Area enclosed by lines joining the following positions:

- a. 50°40.00'N, 1°05.50'W.
- b. 50°40.00'N, 0°57.00'W.

- c. 50°36.97'N, 0°54.57'W.
 - d. 50°36.97'N, 1°02.14'W.
 - e. 50°30.00'N, 1°11.27'W.
 - f. 50°30.00'N, 1°12.09'W.
 - g. 50°35.62'N, 1°12.09'W.
- then N along the coast of the Isle of Wight to the origin.

X5050

Area enclosed by lines joining the following positions:

- a. 50°41.00'N, 0°54.80'W.
- b. 50°41.00'N, 0°52.03'W.
- c. 50°40.00'N, 0°52.03'W.
- d. 50°40.00'N, 0°54.80'W.

X5059 Eastern English Channel Minesweeping Streaming

(BA Annual Notice No. 10 of 2003) 23/03

Page 224—Line 42/R; insert after:

X5122

Area enclosed by a line joining the following positions:

- a. 51°27.5'N, 1°34.2'E.
- b. 51°27.5'N, 1°45.8'E.
- c. 51°26.6'N, 1°45.8'E.
- d. 51°26.6'N, 1°34.2'E.

X5123 Live MDC Firing Area

Circular area, radius 1 mile, centered on position 51°22.5'N, 1°38.6'W.

(BA Annual Notice No. 10 of 2003) 23/03

Page 230—Lines 45/L to 22/R; read:

Automatic Ship Identification and Reporting System (AIRS)

An AIRS has been established to monitor the movements of vessels around the British Isles. It uses a transponder system based on VHF Digital Selective Calling (DSC) channel 70 and is part of the IMO Universal Automatic Identification System (UAIS).

The system utilizes the capability of the VHF DSC installations adopted for the Global Marine Distress and Safety System (GMDSS) to decode interrogation calls addressed to specific geographical areas. The AIRS operates through UK Coastguard VHF DSC stations transmitting DSC interrogation calls addressed to coordinates in a pre-defined geographical area on VHF channel 70 (156.525 MHz) requesting vessels in this area to respond with certain information. The information requested can include position, vessel type, length, draft, next port of call, course, speed, and whether the vessel is not under command, constrained by draft, or restricted in its maneuverability.

The system is specifically designed to be used by any vessel equipped with an IMO UAIS. Vessels have been required to be equipped with a UAIS under a phased program which began in July, 2002.

Further information may be obtained from:

Communication and Innovation Branch
Maritime and Coastguard Agency
Bay 2/30

PUB 140 (Continued)

Spring Place
105, Commercial Road
Southampton
SO15 1EG
United Kingdom
Telephone: +44 (0)2380-329146
Fax: +44 (0)2380-329204
(BA Annual Notice No. 17A of 2003) 23/03

Page 231—Lines 46/L to 11/R; read:

The buoy carries UHF whip aerials (200 cm and 100 cm long) and is fitted with two automatic transmitting radio units which operate on 406.0 MHz and 243.0 MHz.

The 243.0 MHz SABRE emission will consist of three audio sweeps from 1600 Hz down to not lower than 300 Hz, occupying a period of 1.2 seconds. The emission will then be silent for 0.8 second. The transmission duration should continue for a minimum of 72 hours.

The 406.0 MHz emission will consist of a SARSET transmission.

(BA Annual Notice No. 8 of 2003) 23/03

PUB 154 8 Ed 2002 LAST NM 19/03

Page 57—Line 34/R; read:

Bay and is constricted; speed in the bay is limited to a maximum of 5 knots. Two landing floats, with depths of 4.5

(Can NM 4W/03, Section 4) 23/03

Page 75—Line 32/L; read:

the head of the pier. A wreck, with a depth of 18m, lies about 0.1 mile WNW of the pontoons.

(Can NM 4W/03, Section 4) 23/03

PUB 160 2 Ed 2002 LAST NM 22/03

Page 110—Lines 5 to 12/R; read:

General

All Iraqi-bound inbound vessels traversing the Northern Persian Gulf, the Khawr Abd Allah waterway, and the Iraqi portion of the Shatt Al Arab waterway are subject to query, boarding, and inspection.

All vessels bound for or departing from Iraqi ports and offshore oil terminals must pass through a checkpoint, defined as an area within a 5 mile radius of position 29°32'N, 49°14'E. This position is located about 40 miles SE of the entrance to the Shatt Al Arab. Approaching vessels must contact the Maritime Interception Forces (MIF) Commander on VHF channel 16 when within 5 miles of the above-described point. Vessels will not be permitted to proceed beyond this point until cleared by the MIF Commander. All cargo must be accessible for inspection at sea.

Vessels must also contact the MIF coordinator, U. S. Naval Forces, Central Command (Bahrain) at least 72 hours in advance, by either of the following methods:

1. Facsimile: 973-829-117

2. Mailing address:

Commander

U. S. Naval Forces Central Command

Maritime Interception Forces Coordinator (N31CG)

FPO AE 09501-6008

The following information must be included in the contact message:

1. Vessel name.
2. Flag.
3. Call sign.
4. Itinerary, including the port of cargo origin.
5. Description of cargo.
6. Volume of cargo.
7. Number of cargo holds.
8. Dimensions of cargo holds.
9. Agent's name.
10. Owner's name.
11. ETA at the checkpoint.
12. Vessel's draft.
13. Any special requirements needed for transiting Iraqi waterways and/or for berthing upon arrival.

Iraq Embargo

(HYDROPAC 735/03; US CH 62490)

23/03

PUB 171 7 Ed 2001

Page 22—Lines 18/L to 10/R; read:

Pilotage.—Pilotage is compulsory, except for vessels exempted by law, and is available during daylight hours only. The pilot boards about 2.5 miles NE of South Breakwater Head.

Inbound vessels should send ETA and draft 72 hours and 12 hours in advance.

Vessels should confirm the ETA with Port Control when within VHF range and when 16 miles E of the breakwater (vessels approaching from the E) or 3.5 miles S of Cape Recife (vessels approaching from the W).

Regulations.—Vessels approaching from the W, except those vessels using the Inshore Traffic Zone, should make for a position 4.5 miles E of Cape Recife Light and then follow the TSS shown on the chart leading to the anchorages, the Precautionary Area, and the pilot boarding position.

Vessels approaching from the E, except those vessels using the Inshore Traffic Zone, should join the TSS from a position 10 miles NE of Cape Recife Light.

All VTS regulations that pertain to South African ports can be found in Pub. 160, Sailing Directions (Planning Guide) South Atlantic Ocean and Indian Ocean.

Anchorage.—Designated anchorages, which are best seen on the chart, for differing classes of vessels are, as follows:

1. Anchorage No. 1 (1.25 miles ESE of the harbor entrance)—Small craft.
2. Anchorage No. 2—Vessels carrying non-hazardous cargo.
3. Anchorage No. 3—Vessels carrying hazardous cargo.

(BA NM 19/02, Section IV))

23/03

Page 30—Lines 17 to 23/L; read:

The pilot boats are equipped with VHF radio; they have black hulls and white superstructures, with the words PILOTS—LOODS in black.

PUB 171 (Continued)

Durban Port Control has established a Vessel Traffic Service. The VTS system is mandatory for any vessel over 15m long and all passenger vessels. Durban Port Control VTS monitors VHF channels 9 and 16.

VTS zones are established at the harbor entrance and at 6 mile and 12 mile radii from the Fairway Lighted Buoy (29°50' S., 31°06' E.). When arriving, vessels are to contact the VTS 15 minutes before entering the 12-mile reporting zone, at the 12-mile reporting zone, at the 6-mile reporting zone, and at the harbor entrance. Departing vessels are to contact the VTS 15 minutes before leaving berth, then at each reporting zone listed above.

VTS regulations that pertain to South African ports can be found in Pub. 160, Sailing Directions (Planning Guide) South Atlantic Ocean and Indian Ocean.

Regulations

The following regulations are in effect:

1. Oil tankers and ships carrying explosives or dangerous goods are restricted to daytime movements.
2. Other ships in excess of 200m in length and 26m in beam may not enter at night.
3. All ships whose beam exceeds 35m are brought into port only when weather conditions are suitable.

(BA NP 286(3)) 23/03

Page 32—Line 6/R; insert after:

VTS regulations that pertain to South African ports can be found in Pub. 160, Sailing Directions (Planning Guide) South Atlantic Ocean and Indian Ocean.

The VTS will advise vessels of other traffic, berthing arrangements, helicopter and launch services, and pilot arrangements.

(BA NP 286(3)) 23/03

PUB 172 9 Ed 2001**LAST NM 22/03**

Page 23—Line 58/L; read:

platform stands on the E edge of the southbound traffic lane, (US CH 62195) 23/03

Page 24—Graphic; strike out.

(US CH 62195) 23/03

Page 24—Lines 3 to 11/R; read:

Ramadan Oil Field, consisting of several production wells, lies about 9.5 miles NNE of Ras Shukheir. Yulyu Oil Field, lying 4 miles SW of the first field, lies within the Separation Zone, and is connected to the gulf's W shore by a submarine pipeline; a conspicuous flare marks the field. El-Morgan Oil Field, contained within a Prohibited Area, lies about 8 miles SE of Yulyu Oil Field and is also marked by a conspicuous flare.

(US CH 62195) 23/03

Page 29—Lines 6 to 11/L; read:

Caution.—Belayim Oil Field, lying about 5 miles SW of Ras Sharatib and best seen on the chart, contains shoal water

and oil rigs which present a hazard to navigation. It is surrounded by a restricted area in which anchoring and fishing are prohibited.

(US CH 62195) 23/03

Page 210—Line 31/R; insert after:

Vessels with a draft of greater than 13.25m must pick up the pilot in the charted pilot boarding area and may not approach closer than the pilot boarding area until the pilot has boarded and a passage plan agreed.

(PUBS 017-03) 23/03

Page 216—Line 50/R; insert after:

The Barouge Polyethelene Terminal consists of a quay, 276m long, with a dredged depth of 8.3m alongside. A ro-ro ramp is located at the W end of the quay. The approach channel, which is 100m wide, and turning basin, which has a diameter of 300m, are dredged to 8.3m. Vessels up to 12,000 dwt, with a maximum length of 150m, a maximum beam of 23m, and a maximum draft of 8.3m, can be accommodated.

(PUBS 017-03) 23/03

Page 218—Line 18/L; insert after:

Vessels over 25 years of age are not allowed to berth at the terminal.

(PUBS 017-03) 23/03

Page 241—Line 50/R; read:

normal conditions. Depths of less than 6m may exist as far as 1 mile off

(US CH 62530) 23/03

Page 242—Line 9/L; read:

Jazirat al Qurayyin (Jazirat Kurayn), a low, sandy islet fringed by a reef, is

(US CH 62530) 23/03

PUB 193 8 Ed 2000**LAST NM 20/03**

Page 79—Lines 14 to 57/L; read:

4.63 Idefjorden (59°03'N., 11°25'E.) extends about 9 miles SSE from the E end of Ringdalsfjorden. This fjord is nearly free of dangers but it becomes shallow about 1 mile from the head. The shores are heavily wooded and most of the small bays indenting them are overgrown by weeds.

The border between Norway and Sweden lies approximately in the center of the channel leading through the fjord.

Skysskaffen Light (59°06.0'N., 11°22.5'E.) is shown from a structure standing on the E shore of the fjord, about 1.2 miles S of Halden Harbor.

A number of former granite-loading places are situated along the shores of this fjord, but the facilities are in poor condition. It is reported (2000) that no places of commercial significance are located in the fjord and all cargo is handled at Halden.

(Nor SD 2A) 23/03

SECTION II

NM 23/03

PUB 193 (Continued)

Page 79—Lines 1 to 56/R; strike out.
(NIMA) 23/03

Page 80—Lines 1 to 5/L; strike out.
(NIMA) 23/03

Page 80—Lines 1 to 6/R; strike out.
(NIMA) 23/03

COAST PILOT CORRECTIONS

COAST PILOT 6 33 Ed 2003 NEW EDITION
(NOS) 23/03

SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME I LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
*755	New York Bight Dumping Ground Buoy OM	40 22 06 N 73 50 21 W				Yellow nun.	23/03

CORRECTIONS TO C. G. LIGHT LIST, VOLUME II LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
360	Chesapeake Light	36 54 17 N 75 42 46 W	Fl (2) W 15s 0.1s fl 2.9s ec. 0.1s fl 11.9s ec.	117	19	Blue tower on white square superstructure on four black piles, CHESAPEAKE on sides.	Emergency light of lower intensity will be displayed when main light is inoperative. RACON: N (-). HORN: 1 blast ev 30s (3s bl). Operates continuously.
		*	*				23/03
3995	BRISTOL RANGE FRONT LIGHT	40 05 28 N 74 51 36 W	Iso W 2s	30		Skeleton tower.	Visible on range line only. Lighted throughout 24 hours.
		*					23/03
11000	- ENTRANCE LIGHT 1	36 59 57 N 76 18 54 W	Fl G 2.5s	15	3	SG on pile.	*
							23/03
*17023	- Channel Daybeacon 4A					TR on pile.	
							23/03

CHESTER RIVER (Chart 12272)

Kent Island Narrows

26345	- LIGHT 1K	38 57 14 N 76 14 36 W	Fl G 4s	18	5	SG on pile.	Higher intensity down channel.
		*					23/03

Wells Cove

26395	- Daybeacon 2	38 57 55 N 76 14 26 W				TR on pile.	
		*					23/03
*26413	- LIGHT 1K	38 59 13 N 76 14 45 W	Q G	15	3	SG on Multi-pile structure.	

23/03

Jackson Creek

26570	- Daybeacon 2	38 58 32 N 76 13 16 W				TR on pile.	
		*					23/03
27055	- LIGHT 5		Fl G 6s	15	4	SG on multi-pile structure.	

23/03

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SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME II LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
27117	- LIGHT 5	39 17 12 N 76 22 33 W	Fl G 2.5s	15	4	SG on multi-pile strucure.	
				*			23/03
27120	- LIGHT 6		Fl R 2.5s	15	4	TR on multi-pile structure.	
				*			23/03
27130	SUE ISLAND ENTRANCE LIGHT 1	39 17 24 N 76 23 53 W	Fl G 2.5s	15	4	SG on pile.	Light equipment removed from Dec. 1 to Mar. 15.
				*			23/03
29663	- Buoy 2A					<i>Remove from list.</i>	
						*	23/03
29751	- Buoy 16A					<i>Remove from list.</i>	
						*	23/03
29983	- Buoy 1B					<i>Remove from list.</i>	
						*	23/03
*29997	- Buoy 3A					Green can.	
							23/03
30027	- Buoy 9					<i>Remove from list.</i>	
						*	23/03
30047	- Buoy 15					<i>Remove from list.</i>	
						*	23/03
*30140.02	- Buoy 2					Red nun.	
							23/03
*30140.04	- Buoy 4					Red nun.	
							23/03
*30140.06	- Buoy 6					Red nun.	
							23/03
*30140.07	- Buoy 7					Green can.	
							23/03
*30140.09	- Buoy 9					Green can.	
							23/03
33935	- Daybeacon 4A					TR on pile.	
			*			*	23/03
33940	- Daybeacon 5					SG on pile.	
			*			*	23/03

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SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME II LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
39720	- LIGHT 153		Fl G 4s	15	3	SG-SY on multi-pile structure. *	23/03
40090	- LIGHT 16		Fl R 4s	18	4	TR-TY on pile. *	Higher intensity beam toward Lockwoods Folly River. 23/03

CORRECTIONS TO C. G. LIGHT LIST, VOLUME III LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
FOWEY ROCKS TO ALLIGATOR REEF (Chart 11462)							
960	Molasses Reef Light 10	25 00 43 N 80 22 35 W	Fl R 6s	45	7	TR on brown, square pyramidal skeleton tower; pile foundation.	
		*	*	*	*		23/03
1790	- Buoy 8					Red nun.	
		*					23/03
1795.5	- Buoy 9					Green can.	
		*					23/03
2370.4	- Channel Lighted Buoy 4		Fl R 4s		3	Red.	
					*		23/03
*Add Heading: *Charleston Harbor South Channel							
2625 34580	- SOUTH CHANNEL RANGE FRONT LIGHT	32 45 32 N 79 55 37 W	Q G	13		KRW-I on dolphin.	Visible all around; higher intensity on rangeline.
							23/03
*Delete Heading: *Cooper River							
2655	- South Channel Lighted Buoy 4		Fl R 4s		3	Red.	
							23/03
Folly River							
3730	- Buoy 1			12	4	Green can.	
		*					23/03
5395	- Daybeacon 58					TR on pile.	
					*		23/03
*7007	- Lighted Buoy 50A		Fl R 6s	20		Red with yellow triangle.	Maintained by U.S. Navy.
							23/03

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SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME III LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
*7009	- Lighted Buoy 51A		Fl G 6s	20		Green with yellow triangle.	Maintained by U.S. Navy. 23/03
7393.5	- Daybeacon 3					SG on pile.	Private aid. 23/03
7394	- Daybeacon 6					TR on pile.	Private aid. 23/03
7394.3	- Daybeacon 7					SG on pile.	Private aid. 23/03
*9843	- INNER HARBOR OUTBOUND RANGE FRONT LIGHT	27 28 18 N 80 17 48 W	Q G	20		KRW on skeleton tower on piles. Visible 1.5° each side of rangeline.	 23/03
15970	- LIGHT 1 On South end of bank.	25 47 59 N 81 28 04 W	Fl G 4s	16	4	SG on pile.	 23/03
LOSTMANS RIVER TO WIGGINS PASS (Chart 11430)							
Gullivan Bay							
Faka Union Channel							
16235	- Daybeacon 3	25 50 46 N 81 32 57 W				SG on pile.	Private aid. 23/03
16240	- Daybeacon 4					TR on pile.	Private aid. 23/03
*Delete Heading: *Faka Union Channel							
16330	- Daybeacon 30					TR on pile.	Private aid. 23/03
*Delete Heading: *Faka Union Channel							
16335	- Daybeacon 32					TR on pile.	Private aid. 23/03
*Delete Heading: *Faka Union Channel							
16365	- Daybeacon 38					TR on pile.	Private aid. 23/03

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SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME III LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
*Delete Heading: *Faka Union Channel							
16370	- Daybeacon 39				SG on pile.		Private aid. 23/03
*Delete Heading: *Faka Union Channel							
16385	- Daybeacon 40				TR on pile.		Private aid. 23/03
*Delete Heading: *Faka Union Channel							
16390	- Daybeacon 44				TR on pile.		Private aid. 23/03
*Add Heading: *Estero Pointe Channel							
*18995.01	-Daybeacon 3	26 25 04 N 81 52 39 W			SG on pile.		Private aid. 23/03
25750	- Daybeacon 5				TR on pile.		 * 23/03
25760	- Daybeacon 7				TR on pile.		 * 23/03
27655	- Daybeacon 33						Remove from list. * 23/03
33925	- Daybeacon 61				SG-SY on pile.		 * 23/03
34873	- Daybeacon 82A				TR-TY on pile.		 * 23/03
*35143	- Buoy 162B	32 32 12 N 80 24 40 W			Red nun with yellow triangle.		 23/03
*35195.3	- Buoy 180	32 31 00 N 80 29 33 W			Red nun with yellow triangle.		 23/03
*37717	- Lighted Buoy 51A		Fl G 6s	20	Green with yellow triangle.	Maintained by U.S. Navy.	 23/03
*37719	- Lighted Buoy 50A		Fl R 6s	20	Red with yellow triangle.	Maintained by U.S. Navy.	 23/03

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SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME III LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
38775	- Daybeacon 39					SG-SY on pile.	
	*						23/03
40205	- Daybeacon 46					TR-TY on pile.	
							23/03
	*Change Heading to Read: *Mathew Marina						
40250	- Daybeacon 1	29 09 24 N 80 58 48 W				SG on pile.	Private aid.
							23/03
	*Delete Heading: *Indian River Lagoon						
43435	- Daybeacon 36					TR-TY on pile.	
							23/03
	*Add Heading: *Channel 68 Marina						
*43685.1	- Daybeacon 1	27 48 39 N 80 27 39 W				SG on pile.	Private aid.
							23/03
*43685.2	- Daybeacon 2					TR on pile.	Private aid.
							23/03
*43685.3	- Daybeacon 3					SG on pile.	Private aid.
							23/03
*43685.4	- Daybeacon 4					TR on pile.	Private aid.
							23/03
*43685.5	- Daybeacon 5					SG on pile.	Private aid.
							23/03
*43685.6	- Daybeacon 6					TR on pile.	Private aid.
							23/03
	*Add Heading: *Indian River (South Section)						
43690	- Daybeacon 69					SG-SY on pile.	
							23/03
51120	- Daybeacon 38					TR-TY on pile.	
	*						23/03
56135.01	- Daybeacon 74					<i>Remove from list.</i>	
							*
							23/03
56512	- LIGHT 1					<i>Remove from list.</i>	
							*
							23/03

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SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME IV LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
SANTA ROSA SOUND TO DAUPHIN ISLAND (Chart 11378)							
Escambia Bay							
4690	- LIGHT 2	30 28 00 N 87 07 24 W	Fl R 6s	17	5	TR on pile.	
				*			23/03
4692	ESCAMBIA BAY WRECK LIGHT WR3	30 28 37 N 87 07 47 W	Q G	17	3	SG on pile.	Marks submerged wreck.
				*			23/03
5425	- LIGHT 76 200 feet outside channel limit.	30 37 48 N 88 01 54 W	Fl R 2.5s	17	4	TR on pile.	Ra ref.
				*			23/03
5433	- MIDDLE REACH RANGE FRONT PASSING LIGHT		Fl W 4s	12	5	On same structure as Mobile Channel Middle Reach Range Front Light.	
				*			23/03
6090	DAUPHIN ISLAND LIGHT 17		Q G	11	3	SG on pile.	Ra ref.
				*			23/03
6220	- LIGHT 5		Fl G 4s	17	4	SG on pile.	Ra ref.
				*			23/03
6260	- LIGHT 13		Fl G 4s	17	4	SG on pile.	Ra ref.
				*			23/03
6470	- CHANNEL LIGHT 3	30 33 18 N 88 02 30 W	Fl G 4s	17	4	SG on pile.	Ra ref.
				*			23/03
6535	- CHANNEL LIGHT 15	30 33 54 N 88 05 06 W	Fl G 4s	21	4	SG on pile.	Ra ref.
				*			23/03
6643	ISLE AUX HERBES WRECK LIGHT	30 18 18 N 88 16 30 W	Fl W 2.5s	17	5	NW on pile worded DANGER WRECK.	Ra ref.
				*			23/03
6645	- WRECK LIGHT WR2	30 21 22 N 88 16 31 W	Fl W 2.5s	17	5	TR on pile.	Ra ref.
				*			23/03
6646	- WRECK LIGHT WR8	30 18 53 N 88 20 28 W	Q W	17	5	NW on pile.	Ra ref.
				*			23/03
6646.01	- WRECK LIGHT WR6	30 20 35 N 88 20 56 W	Fl W 4s	17	4	NW on pile.	Ra ref.
				*			23/03

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SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME IV LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
6655	- WRECK LIGHT WR	30 16 14 N 88 19 17 W	Q R	17	3	TR on pile.	Ra ref. *
							23/03
6802	PETIT BOIS PASS LIGHT P	30 13 54 N 88 19 54 W	Fl W 2.5s	20	5	NR on piles.	Ra ref. *
							23/03
7042	- WRECK LIGHT WR	30 16 48 N 88 31 06 W	Fl W 2.5s	17	5	NW on pile worded DANGER WRECK.	Ra ref. *
							23/03
7095	- LIGHT 41 150 feet outside channel limit.		Fl G 4s	17	4	SG on pile.	Ra ref. *
							23/03
7150	- LIGHT 45 150 feet outside channel limit.		Fl G 4s	17	4	SG on pile.	Ra ref. *
							23/03
7280	- LIGHT 11	30 24 24 N 88 35 06 W	Fl G 4s	17	4	SG on pile.	Ra ref. *
							23/03
7315	- CUTOFF LIGHT 3	30 25 36 N 88 32 24 W	Fl G 4s	17	4	SG on pile.	Ra ref. *
							23/03
7340	- CUTOFF LIGHT 9		Fl G 4s	36	4	SG on skeleton tower on piles.	Ra ref. *
							23/03
7385	- LIGHT 3 150 feet outside channel limit.		Fl G 4s	17	4	SG on pile.	Ra ref. *
							23/03
7405	- LIGHT 5 140 feet outside channel limit.		Fl G 4s	17	4	SG on pile.	Ra ref. *
							23/03
7427	-LIGHT 10A 110 feet outside channel limit.		Fl R 6s	17	4	TR on pile.	 *
							23/03
7432	- LIGHT 11A	30 19 59 N 88 30 54 W	Fl G 6s	17	4	SG on pile.	Ra ref. *
							23/03
7433	- LIGHT 11B	30 20 06 N 88 30 54 W	Fl G 6s	17	4	SG on pile.	Ra ref. *
							23/03

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SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME IV LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
8245	- LIGHT 5		Fl G 4s	17	4	SG on dolphin.	Ra ref.
				*			23/03
8255	- LIGHT 11		Fl G 4s	17	4	SG on dolphin.	Ra ref.
				*			23/03
8487	MIDDLE REACH INBOUND RANGE FRONT PASSING LIGHT		Fl W 4s	26	5	On same structure as Gulfport Ship Channel Middle Reach Inbound Range Front Light.	
				*			23/03
8493	MIDDLE REACH INBOUND RANGE REAR PASSING LIGHT		Fl W 4s	70	5	On same structure as Gulfport Ship Channel Middle Reach Inbound Range Rear Light.	
				*			23/03
8562	GULFPORT OBSTRUCTION LIGHT A	30 14 06 N 88 59 00 W	Q W	30	6	NB on pile.	
			*	*	*		23/03
8615	- LIGHT 45		Fl G 4s	17	4	SG on pile.	Ra ref.
				*			23/03
8635	- LIGHT 49		Fl G 4s	17	4	SG on pile.	Ra ref.
				*			23/03
8655	- LIGHT 51		Fl G 4s	17	4	SG on pile.	Ra ref.
				*			23/03
8685	- LIGHT 55		Fl G 4s	17	4	SG on pile.	Ra ref.
				*			23/03
8705	- LIGHT 59		Fl G 4s	17	4	SG on pile.	Ra ref.
				*			23/03
8735	Gulfport Spoil Bank Daybeacon 1	30 20 42 N 89 05 12 W				SG on pile.	Ra ref.
							*
8740	Gulfport Spoil Bank Daybeacon 2	30 20 36 N 89 05 06 W				TR on pile.	Ra ref.
							*
8839	LONG BEACH WRECK LIGHT WR1	30 20 18 N 89 08 30 W	Q G	17	3	SG on pile.	Ra ref.
				*			23/03
14250	LAGAN LEADING LIGHT RDB Mile 156.2.	29 58 40 N 90 49 18 W	Iso W 6s		5	NB on skeleton tower.	Higher intensity beam for upbound traffic.
							23/03
	*	*					

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SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME IV LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
17260	- PIPELINE MARKER LIGHT B	29 10 36 N 90 36 24 W	Fl G 4s	14		Pile structure.	Private aid. *
							23/03
20903	- LIGHT 3 88 yards outside channel limit.		Fl G 2.5s	17	3	SG-TY on pile.	Ra ref. *
							23/03
20931	- LIGHT 6 30 yards outside channel limit.	30 06 30 N 93 17 40 W	Oc R 4s	17	3	TR on pile.	Ra ref. *
							23/03
20933	- LIGHT 8 40 yards outside channel limit.	30 06 29 N 93 17 25 W	Q R	17	3	TR on pile.	Ra ref. *
							23/03
33240	HERO CUTOFF OBSTRUCTION LIGHT A	29 50 02 N 90 03 59 W	Q W	17	3	NB on pile.	 *
							23/03
33746	- LIGHT 3 88 yards outside channel limit.		Fl G 2.5s	17	3	SG-TY on pile.	Ra ref. *
							23/03
*35009	- Danger Daybeacon A	29 13 50 N 94 57 07 W		7		NW on pile. Worded: DANGER BREAKWATER	Marks Geotext tube Breakwater. Private aid. 23/03
*35009.01	- Danger Daybeacon B			7		NW on pile. Worded: DANGER BREAKWATER	Marks Geotext tube Breakwater. Private aid. 23/03
*35009.02	- Danger Daybeacon C			7		NW on pile. Worded: DANGER BREAKWATER	Marks Geotext tube Breakwater. Private aid. 23/03
*35009.03	- Danger Daybeacon D	29 13 44 N 94 57 00 W		7		NW on pile. Worded: DANGER BREAKWATER	Marks Geotext tube Breakwater. Private aid. 23/03
*35009.04	- Danger Daybeacon E			7		NW on pile. Worded: DANGER BREAKWATER	Marks Geotext tube Breakwater. Private aid. 23/03
*35009.05	- Danger Daybeacon F			7		NW on pile. Worded: DANGER BREAKWATER	Marks Geotext tube Breakwater. Private aid. 23/03
*35009.06	- Danger Daybeacon G	29 13 39 N 94 56 54 W		7		NW on pile. Worded: DANGER BREAKWATER	Marks Geotext tube Breakwater. Private aid. 23/03

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Denotes a new entry when preceding the station number.

SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME IV LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
*35009.07	- Danger Daybeacon H			7		NW on pile. Worded: DANGER BREAKWATER	Marks Geotext tube Breakwater. Private aid.
							23/03
*35009.08	- Danger Daybeacon I	29 13 26 N 94 56 37 W		7		NW on pile. Worded: DANGER BREAKWATER	Marks Geotext tube Breakwater. Private aid.
							23/03
38610	- LIGHT 153		Fl G 4s	17	4	SG-SY on pile.	Ra ref.
					*		23/03
39295	- LIGHT 17		Fl G 4s	17	4	SG-SY on pile.	Ra ref.
					*		23/03
39870	- Buoy 185A					Green can.	
						*	23/03
40315	- LIGHT 75		Fl G 4s	17	4	SG-SY on dolphin.	Ra ref.
					*		23/03

CORRECTIONS TO C. G. LIGHT LIST, VOLUME VI LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
386	<i>Scripps Research Lighted Buoy C090</i>						<i>Remove from list.</i>
							*
							23/03
387	<i>Scripps Research Lighted Buoy D130</i>						<i>Remove from list.</i>
							*
							23/03
396	<i>Scripps Research Lighted Buoy D090</i>						<i>Remove from list.</i>
							*
							23/03
397	<i>Scripps Research Lighted Buoy D040</i>						<i>Remove from list.</i>
							*
							23/03
398	<i>Scripps Research Lighted Buoy E090</i>						<i>Remove from list.</i>
							*
							23/03
718 15533	<i>Scripps Institute Wave Recorder Lighted Buoy</i>	46 51 27 N 124 14 39 W	Q (5) Y 20s			Yellow sphere shaped buoy.	Private aid.
		*	*				*
							23/03

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SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME VI LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
2866	- Lighted Mooring Buoy CR-3	33 44 23 N 118 08 49 W	Fl W 3s			White with blue band.	Private aid.
		*	*				23/03
2867	- Lighted Mooring Buoy CR-4	33 43 47 N 118 09 27 W	Fl W 3s			White with blue band.	Private aid.
		*	*				23/03
2867.2	- Lighted Mooring Buoy CR5	33 44 49 N 118 09 52 W	Fl W 3s			White with blue band.	Private aid.
		*	*				23/03
*2870.1	- Lighted Mooring Buoy	33 44 50 N 118 10 01 W	Fl W 3s			White with blue bands.	Private aid.
							23/03
8755	- North Jetty Lighted Gong Buoy 3	43 21 43 N 124 21 19 W	Fl G 4s		3	Green.	
		*					23/03
15533 718	Scripps Institute Wave Recorder Lighted Buoy	46 51 27 N 124 14 39 W	Q (5) Y 20s			Yellow sphere shaped buoy.	Private aid.
		*	*				*
15660	- South Reach Lighted Junction Buoy SC	46 55 19 N 124 02 49 W	Fl (2+1) R 6s		3	Red and green bands.	
		*					23/03
30695	- Entrance Lighted Buoy 2	13 27 10 N 144 37 23 E	Fl R 4s		4	Red.	
		*					23/03

CORRECTIONS TO C. G. LIGHT LIST, VOLUME VII LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
11510	NOAA Lighted Weather Buoy 45003	45 20 59 N 82 50 24 W	Fl (4) Y 20s 1s fl 1.5s ec. 1s fl 1.5s ec. 1s fl 1.5s ec. 1s fl 11.5s ec.			Yellow, disc-shaped hull.	Replaced by nun from Nov. 14 to May 14.
		*					23/03
13590	- LIGHT 33		Q G	32 10	4	SG on black column adjoining small house.	
				*			23/03

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SECTION II

CORRECTIONS TO PUB 110, LIST OF LIGHTS, 2003 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
18388 - Ilha de Villegagnon. <i>G 0372</i>		22° 54.7' S 43° 09.5' W	Fl.W. period 6s fl. 0.5s, ec. 5.5s	23 7	5	White quadrangular concrete tower, green band; 23.	*
							23/03
18412 - Mocangue, W. pier, head. <i>G 0381.8</i>		22° 51.8' S 43° 08.3' W	Fl.R. period 3s fl. 0.5s, ec. 2.5s	23 7	5	White metal post; 20.	F.Y. mark pier heads on N. and E. sides of Ilha do Mocangue.
							*
							23/03
18432 - Terminal Alto. Tamandare, S. beacon. <i>G 0386</i>		22° 49.3' S 43° 09.2' W	Q.Y.	43 13	5	White metal post; 33.	Private light.
							*
							23/03
18433 - N. beacon. <i>G 0386.4</i>		22° 49.1' S 43° 09.2' W	Q.Y.	43 13	5	White metal post; 33.	Private light.
							*
							23/03
18434 - Secondary pier, N. beacon. <i>G 0389</i>		22° 48.2' S 43° 09.0' W	Q.Y.	46 14	5	White metal post; 33.	Private light.
							*
							23/03
BAIA DE SEPETIBA:							
18501 - Laje de Pedra Branca. <i>G 0416.3</i>		22° 57.8' S 43° 53.3' W	Fl.(2)W. period 10s fl. 1s, ec. 1.5s fl. 1s, ec. 6.5s	23 7	5	Black quadrangular masonry tower; red bands.	*
							23/03

CORRECTIONS TO PUB 111, LIST OF LIGHTS, 2002 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
2384 - Punta Santa Ana, Puerto del Hambre. <i>G 1444</i>		53° 38.0' S 70° 55.0' W	Fl.W. period 10s fl. 0.5s, ec. 9.5s	131 40	10	White quadrangular concrete tower, red band; 16.	Visible 151°-094°.
							*
							23/03
2414 Munoz Gamero Hulk. <i>G 1438</i>		53° 10.6' S 70° 55.0' W	Fl.W. period 5s	30 9	7	Black concrete pillar, yellow band on stern of hulk; 8.	Visible 113°-093°.
							*
							23/03

NORTH ARM ENTRANCE:

13176 - Westerly. <i>G 5414</i>	49° 15.4' N 123° 16.8' W	Fl.(3)W. period 12s fl. 0.5s, ec. 2s fl. 0.5s, ec. 2s fl. 0.5s, ec. 6.5s	26 8	10	White round tower.	
						*
						23/03

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SECTION II

CORRECTIONS TO PUB 111, LIST OF LIGHTS, 2002 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
13192 - -E. <i>G 5418</i>		49° 13.6' N 123° 13.7' W	Q.R.	27 8		Center pile on 9-pile dolphin.	
				*	*		23/03
13208 International Boundary Range "A", front. <i>G 5161</i>		49° 00.1' N 123° 05.4' W	F.R.W.G.	180 55		Gray square skeleton tower, rectangular fluorescent orange daymark; 30.	Visible on range line only. R. 087.5°-089.5°, W. -090.5°; G.-091.5°. White sector indicates preferred channel.
			*	*			*
13220 International Boundary, obstruction. <i>G 5160</i>		49° 00.1' N 123° 01.2' W	F.I.Y. period 4s fl. 0.5s, ec. 3.5s	36 11		Rectangular block.	
				*			23/03
13222 -Kirkland Island Range, front. <i>G 5413.22</i>		49° 06.8' N 123° 05.1' W	F.Y.	28 8	11	Square skeleton tower on 9-pile dolphin, white daymark, red stripe.	
			*	*			23/03
13223 -Rear, about 270 meters 221°10' from front. <i>G 5413.23</i>		49° 06.8' N 123° 05.2' W	F.Y.	48 15	11	Square skeleton tower on 9-pile dolphin, white daymark, red stripe.	
			*	*			23/03
13223.1 Tilbury Range "2", front. <i>G 5413.3</i>		49° 09.0' N 123° 02.3' W	Q.Y.	25 8	13	Square skeleton tower, white daymark, red stripe.	Visible on range line only.
				*			23/03
13223.2 -Rear, 297 meters 041° from front. <i>G 5413.31</i>		49° 09.1' N 123° 02.2' W	Iso.Y. period 2s	54 16	15	Square skeleton tower, white daymark, red stripe.	Visible on range line only.
			*	*			23/03
13223.5 Shoal Point. <i>G 5413.47</i>		49° 11.7' N 122° 54.9' W	Q.G.	11 3		Mast on 3-pile dolphin.	
			*	*			23/03
13224 International Boundary Range "C", front. <i>G 5164</i>		49° 00.1' N 122° 46.9' W	Q.G.	37 11		Gray skeleton tower, orange rectangular daymark.	Visible 4° each side of rangeline.
				*	*		*
13228 -Rear, 1724 meters 090° from front. <i>G 5166</i>		49° 00.1' N 122° 45.4' W	F.G.	80 24		Gray tower, orange rectangular daymark.	Visible 14° each side of rangeline.
			*	*	*		*
13248 Clarke Rock. <i>G 5499</i>		49° 13.5' N 123° 56.5' W	F.I.G. period 4s fl. 0.5s, ec. 3.5s	19 6	5	White round tower, green band.	
				*			23/03

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SECTION II

CORRECTIONS TO PUB 111, LIST OF LIGHTS, 2002 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
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NANAIMO HARBOR:

13268 -Gallows Point. G 5492	49° 10.2' N 123° 55.0' W	Iso.W. period 2s	24 7	12	White round tower, red band; 15. *	23/03
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CORRECTIONS TO PUB 112, LIST OF LIGHTS, 2003 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
1064 -S. breakwater. F 7024.4	42° 07.5' N 139° 59.1' E	Fl.G. period 4s	56 17	7	White round concrete structure; 36.	*	23/03
1068 -E. breakwater. F 7024.6	42° 07.6' N 139° 59.1' E	Fl.R. period 3s	49 15	3	Red tower; 31.	*	23/03
1100 Kouta Misaki. F 7019	42° 13.4' N 139° 48.9' E	Oc.(3)W. period 13s	102 31	14	White round concrete tower; 32.	*	23/03
3220 -NE. of Sawasaki. F 7103.3	37° 50.2' N 138° 13.5' E	Fl.R. period 3s	42 13	3	Red round concrete tower; 32.	*	23/03
3222 -Sawane Ko, breakwater. F 7103.52	38° 00.3' N 138° 17.1' E	Fl.G. period 4s	22 7	3	White concrete structure; 18.	*	23/03
3224 Mano Wan, breakwater. F 7103.5	37° 59.4' N 138° 17.0' E	Fl.(2)G. period 6s	33 10	3	White round concrete structure, square base; 32.	*	23/03
3284 -Ryotsu Wan, approach. F 7093	38° 08.4' N 138° 27.0' E	Fl.(2)R. period 5s	36 11	5	Red round concrete tower; 32.	*	23/03
3292 -Ryotsu Wan, breakwater. F 7094	38° 04.8' N 138° 27.0' E	Fl.R. period 4s	62 19	7	Red tower; 54.	*	23/03
6324 -S. breakwater. F 6049	34° 30.0' N 136° 53.8' E	Iso.G. period 6s	36 11	4	White tower; 28.	*	23/03
6340 -Breakwater. F 6046.3	34° 26.8' N 136° 55.4' E	Fl.G. period 3s	43 13	3	White tower; 31.	*	23/03

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SECTION II

CORRECTIONS TO PUB 112, LIST OF LIGHTS, 2003 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
7244 <i>F 5956.2</i>	-Offing breakwater, SW. head.	34° 27.7' N 135° 21.2' E	Fl.(2)G. period 6s	43 13	5	White tower; 33.	
				*			23/03
HIMEJI KO:							
7728 <i>F 5766.3</i>	-Mega Ko, E. breakwater.	34° 45.5' N 134° 41.2' E	Fl.R. period 4s	65 20	7	Red round concrete tower; 62.	
				*	*		23/03
7732 <i>F 5766</i>	-W. breakwater, head.	34° 46.0' N 134° 40.9' E	Fl.G. period 3s	56 17	3	White round concrete tower; 52.	
				*	*		23/03
12804 <i>F 5010.6</i>	-Hamakusi Ko, S. breakwater.	32° 53.6' N 129° 05.4' E	Fl.R. period 3s	56 17	5	White round tower; 28.	
			*	*	*		23/03
*16377 <i>F 4459.43</i>	Gonghyeonjin.	38° 21.3' N 128° 30.8' E	Fl.(4)Y. period 8s	36 11	7	Yellow staff; 20.	
							23/03
*25028.5 <i>K 1411.72</i>	Gosong Schunyer.	3° 19.4' S 113° 20.3' E	Iso.W. period 2s	33 10	9		
							23/03
25319.3 <i>K 1549.35</i>	Sapa Tarapimpi.	5° 03.9' S 122° 08.4' E	Fl.(2)W. period 7s fl. 1s, ec. 1s fl. 1s, ec. 4s	39 12	12	White beacon.	
			*				23/03

CORRECTIONS TO PUB 113, LIST OF LIGHTS, 2002 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
*4830 <i>E 0265.6</i>	-Ibiza la Nueva, S. breakwater, head.	38° 54.8' N 1° 26.6' E	Fl.(2)G. period 7s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 4.5s	39 12	1	Green round tower on white base; 36.	
							23/03
4840 <i>E 0267</i>	-Oil pier, near extremity.	38° 54.8' N 1° 26.4' E	Fl.(2+1)G. period 8s fl. 0.5s, ec. 0.5s fl. 0.5s, ec. 2s fl. 0.5s, ec. 4s	20 6	1	Green metal post, red band; 13. Light is not at top of post.	
			*	*	*		23/03
4842 <i>E 0267.2</i>	-- SW. end.	38° 54.8' N 1° 26.3' E	Fl.(4)G. period 11s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 4.5s	20 6	1	Green metal post; 13. Light is not at top of post.	
			*	*	*		23/03

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SECTION II

CORRECTIONS TO PUB 113, LIST OF LIGHTS, 2002 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
*4941 ---Ro-Ro/Lo-Lo terminal, NE. <i>E 0318.71</i>	corner.	39° 32.9' N 2° 38.0' E	Fl.(2)R. period 7s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 4.5s	20 6	1	Red post; 13.	Synchronized with 4942.
							23/03
*4942 ---SW. corner. <i>E 0318.7</i>		39° 32.8' N 2° 37.8' E	Fl.(2)R. period 7s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 4.5s	20 6	1	Red post; 13.	Synchronized with 4941.
							23/03
7018 -S. spur, head. <i>E 0786.2</i>		43° 16.3' N 6° 35.2' E	Fl.R. period 4s fl. 1s, ec. 3s	23 7	6	White mast, red top; 20.	
			*		*	*	23/03
15164 -Akra Korakas. <i>E 4114</i>		37° 21.1' N 23° 04.0' E	Fl.W. period 7s fl. 1s, ec. 6s	39 12	11	White round hut; 7.	Visible 311°-131°.
			*	*	*	*	23/03
26052 Table Mountain, Upper Cable Station. <i>D 5970</i>							Remove from list.
							*
							23/03

CORRECTIONS TO PUB 114, LIST OF LIGHTS, 2003 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
9012 -W. mole, head. <i>B 0076</i>		51° 09.4' N 2° 43.1' E	F.G.	36 11	9	White metal tower.	Visible 025°-250°, 284°-324°. Bell: 2 strokes ev. 10s.
							*
							23/03
OOSTENDE:							
9020 -Oostende. <i>B 0092</i>		51° 14.2' N 2° 55.8' E	Fl.(3)W. period 10s fl. 0.2s, ec. 1.4s fl. 0.2s, ec. 1.4s fl. 0.2s, ec. 6.6s	213 65	27	White round tower; 190.	Obscured 069°30'-071°.
							*
							23/03
9073 -W. breakwater, head. <i>B 0123.2</i>		51° 21.8' N 3° 11.3' E	Oc.G. period 7s	102 31	7	Tower.	Visible 057°-267°. Nautophone: 4 bl. (1+3) ev. 90s.
							*
							23/03

CORRECTIONS TO PUB 114, RADIODEACONS, 2003 EDITION

(1) No.	(2) Name	(3) Position	(4) Characteristic	(5) Range	(6) Sequence	(7) Frequency	(8) Remarks
390 Nieuwpoort, West Pier Light							Remove from list.
							*
							23/03

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SECTION II

CORRECTIONS TO PUB 114, RADIOBEACONS, 2003 EDITION

(1) No.	(2) Name	(3) Position	(4) Characteristic	(5) Range	(6) Sequence	(7) Frequency	(8) Remarks
400	Oostende						<i>Remove from list.</i>
410	Zeebrugge						<i>Remove from list.</i>

* 23/03

* 23/03

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SECTION II

PUBLICATIONS AFFECTED BY NOTICE TO MARINERS
THROUGH NM 23/03

Note: * indicates New Edition/New Publication; ** indicates Publication Canceled; N indicates Not For Sale

NIMA Reference No.	Ed.	Notice to Mariners No.	NIMA Reference No.	Ed.	Notice to Mariners No.	NIMA Reference No.	Ed.	Notice to Mariners No.
NIMA HYDRO CATALOG CATP2V01U Region 1	2002	1*,2,3,4,7,8,9,10,11, 14,15,17,19,20,21, 22,23/03	SDPUB145	2000	13*,14,18,19,22,26, 32,37,38,46,47,51, 53/00;1,4,5,7,10,12, 28,29,35,52/01;14, 27/02	COMDTM165026	2003	18*,19,20,21,22, 23/03
Region 2	2002	1*,8,15,17,20,21,22, 23/03	SDPUB147	2001	35/01*;21,22,23, 24/02	COMDTM165027	2003	18*,20,21,22,23/03
Region 3	2002	1/03*	SDPUB148	2001	48/01*;23,24/02; 22/03	FLEET GUIDES		
Region 4	2002	1*,23/03	SDPUB153	2000	6/01*;28,30,41,44, 46,47,48,52/02;1,3, 4,8,13,15,22/03	FGPUB940ATL	2001	N47/01*
Region 5	2002	1*,3,5,8,22/03	SDPUB154	2002	17*,19,31,42,44,45, 46,48,50/02;3,14,19, 23/03	FGPUB941PAC	2001	N22/01*
Region 6	2002	1*,10,11,13,16,19, 20,21/03	SDPUB155	2001	31*,48/01;10,45, 46/02	NOS MISCELLANEOUS PUBLICATIONS		
Region 7	2002	1*,11,15/03	SDPUB158	2000	50/00*;5,10,12,13, 15,17,20,24/01; 46/02	NOSPBCATALOG1	2000	20/00*
Region 8	2002	1*,14/03				NOSPBCATALOG2	2000	34/00*
Region 9	2002	1/03*				NOSPBCATALOG3	2000	28/00*
Miscellaneous Charts and Publications	2002	1*,2,4,5,6,7,9,11,12, 13,15,17,18,19,20, 21,23/03				NOSPBCATALOG4	2000	34/00*
NIMA LIST OF LIGHTS						ALMANACS		
LLPUB110	2003	7*,8,9,11,13,14,15, 16,17,18,20,21, 23/03	SDPUB159	2002	42*,48/02	AIRALMANAC301	2003	44/02*
LLPUB111	2002	35*,36,37,38,39,40, 41,42,43,44,45,46, 47,48,50,51,52/02;1, 2,3,4,5,6,7,8,9,10, 12,15,16,17,18,19, 20,21,22,23/03	SDPUB160	2002	47*,48,49,52/02;6,8, 10,11,19,21,22, 23/03	NAUTALMANAC03	2003	44/02*
LLPUB112	2003	4*,5,6,7,8,9,10,11, 12,13,14,15,16,17, 18,19,20,21,22, 23/03	SDPUB161	2002	23*,24,44,47,48/02; 5,12/03	COAST PILOT		
LLPUB113	2002	45*,47,48,50,51, 52/02;1,2,3,4,5,6,7, 8,10,11,12,13,14,15, 16,17,18,19,20,21, 22,23/03	SDPUB162	2001	51/01*;5,12/03	NOSPBCP1	32	37*,39,41,47,51/01; 1,5,7,13,18,33,37, 39,42,45,49,51/02;3, 9,10,18,20/03
LLPUB114	2003	17*,19,21,22,23/03	SDPUB163	2002	18*,20,21,26,46, 51/02;13/03	NOSPBCP2	32	17*,18,21,22/03
LLPUB115	2002	39*,40,41,44,45,50, 51,52/02;1,15,19, 20/03	SDPUB164	2000	30/00*;31,35,36/01; 8/03	NOSPBCP3	35	3*,5,7,12,15,17,18, 21,22,27,28,33,37, 42,45,49,51/02;3,10, 12,13,14,18,20/03
LLPUB116	2002	18*,20,21,22,24,25, 26,27,29,31,34,37, 41,42,44,45,46,47, 48,49,50,52/02;1,2, 4,5,6,7,8,9,10,11,12, 13,16,17,18,19,20, 21,22/03	SDPUB171	2001	40*,47,48,52/01;5,9, 14,16,41/02;23/03	NOSPBCP4	34	49*,51/02;12,14,18, 20,21,22/03
SAILING DIRECTIONS			SDPUB172	2001	1*,2,3,5,6,7,8,9,14, 15,16,17,18,19,20, 22,24/02;1,11,12,13, 14,15,19,20,22, 23/03	NOSPBCP5	30	2*,6,10,12,14,18, 20/03
CDPUBSD125	2003	19/03*	SDPUB173	2002	50*,51/02;3,22/03	NOSPBCP6	33	23/03*
CDPUBSD131	2002	9/03*	SDPUB174	2000	7*,19,37,45,51, 52/01;1,5,14,19,22, 28,33,37,38,48/02	NOSPBCP7	34	1*,3,10,18,20,21, 22/03
CDPUBSD146	2002	4/03*	SDPUB175	2001	41*,43,45,51/01;8, 11,12,13,14,16,17, 21,27,37,41,49/02	NOSPBCP8	24	3*,5,16,17,19,23,33, 37,40,47,50,51/02;9, 18/03
CDPUBSD157	2003	17/03*	SDPUB180	2002	32*,33,42,47,48, 50/02;6,13,14,17, 21/03	NOSPBCP9	20	12*,20,23,33,37,45, 50,51/02;3,6,9,10, 14,18,20/03
CDPUBSD194	2002	6*,8,15,17/03	SDPUB181	2002	38*,39/02	RADIO NAVIGATIONAL AIDS		
SDPUB120	2001	12*,18,48,49,51/01; 8,13,14,21,22,24,29, 33,35,37,42,43,44, 45,47/02;4,6,7,8,9, 10,11,12,14,17,20, 21,23/03	SDPUB183	2001	27/01*;13,15,16/02; 18/03	RAPUB117	2002	50/02*;13/03
SDPUB123	2001	45*,47,48/01;1,14, 17,18,19/02	SDPUB191	2000	5*,7,8,9,10,11,12, 13,14,15,16,17,18, 19,20,22,23,27,28, 29,30,31,33,34,36, 44,45,47,48/01;10, 14,15,16,17,42, 50/02;2,9,12,15,18, 22/03	AMERICAN PRACTICAL NAVIGATOR		
SDPUB124	2001	18*,44,45,47,48,49, 52/01;17,19,20,21, 29,30,31,34,46, 50/02	SDPUB192	2000	14*,16,17,18,24,26, 31,36,38,39,46/00;4, 14,17,21,22,23,25, 26,28,30,31,32/01; 11,12,13,14,15,16, 22,23,27,36,37,42, 48,52/02;4,5,6,7,8, 13/03	CDPUBNV102	2003	20/03*
SDPUB126	2002	39*,41,42,43,44,45, 48/02	SDPUB193	2000	27*,38,39/00;9,26, 27,31,32/01;14,15, 26,52/02;18,19,20, 23/03	INTERNATIONAL CODE OF SIGNALS		
SDPUB127	2000	37*,38/00;18,33,40, 44,45,48,49,52/01;1, 11,13,17,18,27,33, 34,37,41,47,49, 51/02;5/03	SDPUB195	2002	33*,40,49,51,52/02;	NVPUB150	2000	50/00*;14,15,16,20, 21,41,42,43,44,45, 46,47,48,49,51, 52/01;1,2,5,6,10,11, 12,16,19,21,22,27, 31,32,33,36,39,40, 42,46,49/02;2,7,10, 15,20/03
SDPUB132	2000	39*,45/00;16,17,31, 35/01;1,12,21,25, 26/02;2,10/03	SDPUB200	2002	38*,39,42/02;22/03	WORLD PORT INDEX		
SDPUB140	2001	21*,48,49,51/01;8, 17,23,32,42,43,44, 46,47,48,50/02;4,6, 7,8,9,11,12,15,19, 21,22,23/03	USCG LIGHT LIST VOLUMES I - VII			NVPUB151	2001	4/02*
SDPUB141	2001	21*,38/01	COMDTM165021	2003	17*,18,19,20,21, 23/03	RADAR NAVIGATION AND MANEUVERING BOARD MANUAL		
SDPUB142	2000	49/00*;3,31,35/01; 1,15,43/02	COMDTM165022	2003	17*,18,19,20,21,22, 23/03	CDPUBNV1310	2001	51/01*
SDPUB143	2000	8*,10,19,29/00;16, 26/01;1,25/02;9/03	COMDTM165023	2003	17*,18,19,20,21, 23/03	DISTANCES BETWEEN PORTS		
			COMDTM165024	2003	18*,19,20,21,22, 23/03	NVPUB151	2001	4/02*
			COMDTM165025	2002	16/02*	SIGHT REDUCTION TABLES (MARINE)		
						SRPUB229V1	1970	11/71*
						SRPUB229V2	1970	11/71*
						SRPUB229V3	1970	7/71*
						SRPUB229V4	1970	3/71*
						SRPUB229V5	1970	3/71*
						SRPUB229V6	1970	23/70*
						SIGHT REDUCTION TABLES (AIR)		
						SRPUB249V1	2000	4/01*
						SRPUB249V2	1952	46/52*
						SRPUB249V3	1952	46/52*

SECTION II

**PUBLICATIONS AFFECTED BY NOTICE TO MARINERS
THROUGH NM 23/03**

Note: * indicates New Edition/New Publication; ** indicates Publication Canceled; N indicates Not For Sale

NIMA Reference No.	Ed.	Notice to Mariners No.		
CHART NO. 1 WOBZC1	1997	18/98*		
CHART NO. 4 WOBZC4	1988	N23/91*		
ATLAS OF PILOT CHARTS NVPUB107 1998 30/99* NVPUB109 2001 49/02*				
USCG NAVIGATION RULES COMDTM166722D 1999 44/99*,52/00				
NOS TIDE TABLES NOSPBTTCWPACIN3 2003 N4/03* NOSPBTTECSTNSA3 2003 N4/03* NOSPBTTEURAFR3 2003 N4/03* NOSPBTWCSTNSA3 2003 N4/03*				
TIDAL CURRENT TABLES NOSPBTCTATCSTN3 2003 N4/03* NOSPBTCTPACAS3 2003 N4/03*				

BROADCAST WARNINGS

Details concerning the particulars of the broadcasting of radio navigational warnings may be found in Radio Navigational Aids, Pub. 117.

NAVAREA IV

Messages in force 211100Z May 2003:

2001 series	219(GEN)	468(GEN)	151(24)	189(11)	195(25,51)
393(GEN)	346(GEN)	2003 series	167(24)	192(11)	197(GEN)
2002 series	351(11)	108(26,27)	175(11)	193(GEN)	198(12,13)

The summary of all NAVAREA IV messages in force as of 12 December 2002 is given in Section III of NM 52/02. Warnings issued during the subsequent quarter are issued in NM 13/03.

NAVAREA IV WARNINGS issued from 151200Z to 211100Z May 2003.

190/03 and 191/03. CANCELED.

192/03(11). FLORIDA-EAST COAST.

CHART 11484 (21ST ED).

PONCE DE LEON INLET LIGHT 29-04.8N 080-55.6W UNRELIABLE.

(162341Z MAY 2003)

193/03(GEN).

1. NAVAREA IV MESSAGES IN FORCE 171000Z MAY 2003. ONLY THOSE MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN. 2003 SERIES: 151(24), 167(24), 175(11), 185(11,26), 189(11), 190(14,51), 191(14,51), 192(11).
2. THE SUMMARY OF ALL NAVAREA IV MESSAGES IN FORCE AS OF 12 DEC 2002 IS GIVEN IN SEC III OF NM 52/02. WARNINGS ISSUED DURING THE SUBSEQUENT QUARTERS ARE SUMMARIZED IN NM 13/03.
3. CANCEL NAVAREA IV 186/03.

(171010Z MAY 2003)

194/03. CANCELED.

195/03(25,51). NORTH ATLANTIC.

1. CONTAINER ADRIFT IN 26-16N 047-00W.
2. CANCEL THIS MSG 25 MAY.

(181302Z MAY 2003)

196/03. CANCELED.

197/03(GEN). GPS SATELLITE SYSTEM.

1. PRN 23 UNUSABLE 222115Z TO 230915Z MAY.
2. CANCEL THIS MSG 231015Z MAY.

(191800Z MAY 2003)

198/03(12,13). NORTH ATLANTIC.

1. DERELICT S/V SEDINA ADRIFT VICINITY 37-42N 067-50W AT 202218Z MAY. REPORTS TO RCC NORFOLK, PHONE: 757 398 6390, FAX: 757 398 6392.
2. CANCEL THIS MSG 28 MAY.

(210910Z MAY 2003)

SECTION III HYDROLANTS

Messages in force 211100Z May 2003:

2000 series	1485(24)	271(GEN)	741(GEN)	919(37)	969(35,37)
1569(36)	2027(GEN)	309(24)	749(55)	925(53)	971(24)
2937(38)	2203(51)	317(37)	754(37)	927(GEN)	975(24)
3762(43)	2354(53)	339(GEN)	771(51,52)	929(43)	976(51,52)
4265(44)	2673(GEN)	390(22)	838(37)	938(51)	977(37)
2001 series	2682(51)	433(GEN)	854(52,53)	941(54)	978(52)
611(44)	2808(24)	490(51)	857(53)	948(57)	979(53)
1798(37)	2848(37)	544(55)	863(51)	952(54)	980(GEN)
2659(GEN)	2869(52)	563(37)	865(53)	955(53)	981(36)
2700(37)	2882(54)	604(26,27)	867(37)	958(57)	983(24)
3161(44)	2883(54)	633(37)	874(36)	962(52,53)	984(53)
2002 series	2003 series	635(51)	875(55)	963(GEN)	985(24)
245(GEN)	41(37)	675(37)	903(36)	964(37)	986(53)
246(GEN)	65(53)	713(52)	910(24)	965(53)	987(24)
383(53)	67(37)	722(55)	911(55)	966(52,53)	988(24)
946(53)	76(54)	738(35)	917(55)	967(52,53)	989(35)

The summary of all HYDROLANTS in force as of 12 December 2002 is given in Section III of NM 52/02.
Warnings issued during the subsequent quarter are issued in NM 13/03.

HYDROLANT WARNINGS issued from 151200Z to 211100Z May 2003.

956/03 and 957/03. CANCELED.

958/03(57). SOUTH ATLANTIC.

1. CONTAINER ADRIFT IN 24-04S 004-19E.
2. CANCEL THIS MSG 23 MAY.

(161345Z MAY 2003)

959/03 thru 961/03. CANCELED.

962/03(52,53). STRAIT OF SICILY.

1. DERELICT 12 METER VESSEL, BLUE AND WHITE HULL,
ADRIFT IN 36-17.0N 012-03.6E AT 161330Z MAY.
REPORTS TO ANY COASTAL RADIO STATION.
2. CANCEL HYDROLANT 551/03, AID RESTORED.
3. CANCEL THIS MSG 24 MAY.

(170640Z MAY 2003)

963/03(GEN).

1. HYDROLANT MESSAGES IN FORCE 171000Z MAY 2003. ONLY THOSE MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN.
2003 SERIES: 713(52), 722(55), 738(35), 741(GEN), 749(55),
754(37), 771(51,52), 838(37), 854(52,53), 857(53), 863(51),
865(53), 867(37), 874(36), 875(55), 903(36), 910(24),
911(55), 917(55), 919(37), 925(53), 927(GEN), 929(43),
938(51), 939(23,29), 941(54), 946(42), 948(57), 952(54),
953(24), 954(24), 955(53), 958(57), 959(14,51), 960(14,51),
961(24), 962(52,53).
2. THE SUMMARY OF ALL HYDROLANT MESSAGES IN FORCE AS OF 12 DEC 2002 IS GIVEN IN SEC III OF NM 52/02. WARNINGS ISSUED DURING THE SUBSEQUENT QUARTERS ARE SUMMARIZED IN NM 13/03.
3. CANCEL HYDROLANT 926/03.

(171015Z MAY 2003)

964/03(37). DOVER STRAIT.

CHART 37120 (2ND ED).

MDW BUOY 51-19N 001-59E UNLIT.

(171050Z MAY 2003)

965/03(53). SARDEGNA-SOUTHEAST COAST. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 19 THRU 30 MAY IN AREA BOUND BY
39-14N 009-53E, 39-04N 010-07E,
39-00N 010-07E, 39-00N 009-53E.
2. CANCEL THIS MSG 31 MAY.

(1711140Z MAY 2003)

966/03(52,53). SICILIA-NORTHWEST COAST. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 19 THRU 30 MAY IN AREA BOUND BY
38-25N 012-06E, 38-20N 011-56E,
38-12N 012-06E, 38-17N 012-14E.
2. CANCEL THIS MSG 31 MAY.

(1711150Z MAY 2003)

SECTION III

967/03(52,53). SARDEGNA-SOUTH COAST. GUNNERY.

1. GUNNERY EXERCISES:

- A. 2201Z TO 2159Z COMMENCING DAILY 18 THRU 30 MAY
IN AREA BOUND BY 38-55-10N 008-42-30E,
38-50-00N 008-48-00E, 38-46-15N 008-48-00E,
38-43-30N 008-41-15E, 38-49-00N 008-26-00E,
38-56-10N 008-26-40E, 38-57-00N 008-37-06E.
- B. 2201Z TO 2159Z COMMENCING DAILY 19 THRU 21 MAY
IN AREA BOUND BY 38-55-10N 008-42-30E,
38-50-00N 008-50-00E, 38-40-00N 008-50-00E,
38-40-00N 008-39-00E, 38-40-00N 008-24-30E,
38-51-30N 008-24-30E, 38-56-10N 008-27-00E,
39-00-00N 008-29-00E, 39-00-00N 008-32-00E,
38-57-30N 008-35-00E.
- 2. CANCEL THIS MSG 312259Z MAY.

(171155Z MAY 2003)

968/03. CANCELED.

969/03(35,37). NORTH SEA.

UNDERWATER OPERATIONS IN PROGRESS UNTIL
FURTHER NOTICE BY M/V SVITZER MERIDIAN
TOWING THREE MILE LONG CABLE VICINITY
OF TRACKLINE JOINING 55-00N 001-25W,
56-10N 001-10W, 57-05N 002-00W.
WIDE BERTH REQUESTED.

(171810Z MAY 2003)

970/03. CANCELED.

971/03(24). BRAZIL-NORTH COAST.

- 1. SEISMIC SURVEY IN PROGRESS UNTIL 220400Z MAY
BY M/V TROPICALIENTE TOWING FIVE 6000 METER
LONG CABLES IN AREA BOUND BY
02-55.6S 038-59.1W, 02-58.4S 038-55.8W,
03-01.0S 038-58.0W, 02-58.2S 039-01.3W.
SIX MILE BERTH REQUESTED.
- 2. CANCEL HYDROLANT 961/03.
- 3. CANCEL THIS MSG 220500Z MAY.

(180445Z MAY 2003)

972/03 thru 974/03. CANCELED.

975/03(24). BRAZIL-NORTH COAST.

- 1. SEISMIC SURVEY IN PROGRESS UNTIL 212359Z MAY
BY M/V CGG HARMATTAN TOWING FIVE 7408 METER
LONG CABLES IN AREA BOUND BY
00-32.0S 043-33.0W, 00-44.0S 043-44.0W,
01-01.5S 043-24.0W, 00-48.5S 043-12.0W.
SIX MILE BERTH REQUESTED.
- 2. CANCEL THIS MSG 220059Z MAY.

(190810Z MAY 2003)

976/03(51,52). SPAIN. NAVTEX.

NAVTEX STATION TARIFA OFF AIR.

(190820Z MAY 2003)

977/03(37). FRANCE-NORTHWEST COAST.

- 1. HYDROGRAPHIC SURVEY BY M/V THALASSA TOWING SUBMERSIBLE:
A. 20 MAY VICINITY 47-02N 006-18W.
B. 21 MAY VICINITY 47-58N 006-05W.
C. 22 AND 23 MAY VICINITY 48-02N 005-42W.
WIDE BERTH REQUESTED.
- 2. CANCEL THIS MSG 24 MAY.

(190840Z MAY 2003)

978/03(52). ALGERIA.

CHART 52263 (5TH ED).

ILOT D'ARZEW LIGHT 35-52.6N 000-17.3W UNLIT.

(191240Z MAY 2003)

979/03(53). TYRRHENIAN SEA. GUNNERY.

- 1. GUNNERY EXERCISES 0600Z TO 1400Z DAILY 20 AND 21 MAY, ALTERNATE
22 AND 23 MAY WITHIN SIX MILES OF 38-30-40N 013-55-50E.
- 2. CANCEL HYDROLANT 968/03.
- 3. CANCEL THIS MSG 231500Z MAY.

(191415Z MAY 2003)

SECTION III

NM 23/03

980/03(GEN). GPS SATELLITE SYSTEM.

1. PRN 23 UNUSABLE 222115Z TO 230915Z MAY.
2. CANCEL THIS MSG 231015Z MAY.

(191805Z MAY 2003)

981/03(36). WALES-SOUTH COAST.

CHART 36165 (6TH ED).

1. DGPS STATION AT NASH POINT LIGHT 51-24N 003-33W
OFF AIR 0900Z TO 1200Z DAILY 20 AND 21 MAY
AND 220800Z TO 221400Z MAY.
2. CANCEL THIS MSG 221500Z MAY.

(200128Z MAY 2003)

982/03. CANCELED.

983/03(24). BRAZIL-SOUTH COAST.

CHART 24140 (18TH ED).

LAJE DE SANTOS LIGHT 24-19.2S 046-10.9W UNLIT.

(200550Z MAY 2003)

984/03(53). SICILIA-EAST COAST. GUNNERY.

1. GUNNERY EXERCISES SUNRISE TO SUNSET 21 MAY
IN AREA BETWEEN 36-51N 37-11N AND 015-25E 015-53E.
2. CANCEL THIS MSG 22 MAY.

(200955Z MAY 2003)

985/03(24). BRAZIL-EAST COAST.

F/V CLODOLIRO, SIX PERSONS ON BOARD, TAKING ON
WATER IN 17-35.4S 038-51.1W AT 200459Z MAY.
VESSELS IN VICINITY REQUESTED TO KEEP
A SHARP LOOKOUT, ASSIST IF POSSIBLE.
REPORTS TO ANY COASTAL RADIO STATION.

(201210Z MAY 2003)

986/03(53). SICILIA-EAST COAST.

1. OCEANOGRAPHIC RESEARCH OPERATIONS IN PROGRESS
UNTIL 03 JUN BY M/V POSEIDON IN AREA BOUND BY
36-00N 014-00E, 36-00N 016-30E,
37-45N 016-30E, 38-00N 015-30E,
36-30N 015-00E.
2. CANCEL HYDROLANT 973/03(35).
3. CANCEL THIS MSG 04 JUN.

(201840Z MAY 2003)

987/03(24). BRAZIL-NORTH COAST.

1. SEISMIC SURVEY IN PROGRESS UNTIL 232359Z MAY
BY M/V CGG ALIZE TOWING EIGHT 7408 METER
LONG CABLES IN AREA BOUND BY
01-28S 042-41W, 01-35S 042-25W,
02-07S 042-40W, 02-01S 042-56W.
SIX MILE BERTH REQUESTED.
2. CANCEL THIS MSG 240059Z MAY.

(210520Z MAY 2003)

988/03(24). BRAZIL-NORTHEAST COAST.

CHART 24230 (20TH ED).

DGPS STATION AT PONTA DE CALCANHAR LIGHT 05-09.7S 035-29.1W INOPERATIVE.

(210540Z MAY 2003)

989/03(35). SCOTLAND-WEST COAST. MISSILES.

1. HAZARDOUS OPERATIONS 211200Z TO 211500Z MAY
WITHIN 25 MILES OF 57-30N 008-20W.
2. CANCEL THIS MSG 211600Z MAY.

(210640Z MAY 2003)

990/03. CANCELED.

SECTION III

NM 23/03

NAVAREA XII

Messages in force 211100Z May 2003:

2001 series 298(GEN)	2002 series 178(GEN)	260(GEN) 339(GEN)	2003 series 111(19)	126(18) 127(GEN)	128(GEN)
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The summary of all NAVAREA XII messages in force as of 12 December 2002 is given in Section III of NM 52/02. Warnings issued during the subsequent quarter are issued in NM 13/03.

NAVAREA XII WARNINGS issued from 151200Z to 211100Z May 2003.

127/03(GEN).

1. NAVAREA XII MESSAGES IN FORCE 171000Z MAY 2003. ONLY THOSE MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN.
2003 SERIES: 111(19), 126(18).
2. THE SUMMARY OF ALL NAVAREA XII MESSAGES IN FORCE AS OF 12 DEC 2002 IS GIVEN IN SEC III OF NM 52/02. WARNINGS ISSUED DURING THE SUBSEQUENT QUARTERS ARE SUMMARIZED IN NM 13/03.
3. CANCEL NAVAREA XII 125/03.

(171020Z MAY 2003)

128/03(GEN). GPS SATELLITE SYSTEM.

1. PRN 23 UNUSABLE 222115Z TO 230915Z MAY.
2. CANCEL THIS MSG 231015Z MAY.

(191810Z MAY 2003)

SECTION III

HYDROPACS

Messages in force 211100Z May 2003:

2000 series	2191(22)	525(73,74)	696(76)	765(63)	839(63)
597(73)	2199(63)	556(62)	705(63)	766(63)	846(63)
2001 series	2277(GEN)	569(62)	710(63)	767(81)	849(81)
1647(GEN)	2330(62)	570(62)	716(71)	771(61)	852(74)
1976(62)	2339(63)	592(62)	728(95)	773(81)	854(GEN)
2002 series	2402(22)	593(62)	729(94,95)	776(61)	856(62)
146(62)	2003 series	613(93)	730(95)	777(62)	858(63)
196(61)	100(29)	614(61)	731(94,95)	787(73)	859(71)
205(GEN)	167(95)	620(GEN)	732(71)	797(75)	860(81)
206(GEN)	197(71)	624(GEN)	734(62)	801(72)	862(63)
207(93)	207(62)	637(GEN)	735(62)	803(71)	863(63)
352(73)	215(GEN)	638(62)	739(95)	816(94,97)	864(GEN)
403(72,73)	380(71)	647(74)	740(61)	819(62)	865(81)
637(75)	445(96)	649(71,93)	743(62)	826(63)	867(63)
828(62)	495(62)	663(61)	744(29)	828(63)	869(61)
1661(GEN)	496(62)	667(62)	752(62)	829(97)	870(81,97)
1765(71)	506(62)	673(81)	755(74)	832(22)	
1843(22)	514(73)	690(91,93)	760(63)	833(22)	
2111(62)	515(73)	695(73)	761(63)	837(63)	

The summary of all HYDROPACS in force as of 12 December 2002 is given in Section III of NM 52/02.
Warnings issued during the subsequent quarter are issued in NM 13/03.

HYDROPAC WARNINGS issued from 151200Z to 211100Z May 2003.

838/03. CANCELED.

839/03(63). INDIA-WEST COAST. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 0330Z TO 1530Z DAILY 20 AND 23 MAY
IN AREA BOUND BY 09-57.6N 075-59.5E, 09-57.7N 076-14.2E,
09-40.0N 076-14.5E, 09-42.5N 076-09.5E.
2. CANCEL THIS MSG 231630Z MAY.

(151841Z MAY 2003)

840/03 thru 845/03. CANCELED.

846/03(63). INDIA-EAST COAST. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 210030Z TO 211230Z MAY
IN AREA BOUND BY 19-14.6N 084-53.7E,
19-10.5N 085-01.0E, 19-01.7N 084-56.8E,
19-05.1N 084-48.4E, 19-12.6N 084-51.6E.
2. CANCEL THIS MSG 211330Z MAY.

(160910Z MAY 2003)

847/03 and 848/03. CANCELED.

849/03(81). NORTH PACIFIC. CAROLINE ISLANDS.

DISTRESS SIGNAL RECEIVED ON 406 MHZ VICINITY
04-27.8N 140-13.3E. VESSELS IN VICINITY
REQUESTED TO KEEP A SHARP LOOKOUT. ASSIST IF
POSSIBLE. REPORTS TO RCC GUAM, TELEX: 392401,
PHONE: 671 339 6100, FAX: 671 339 6210.

(170022Z MAY 2003)

850/03 and 851/03. CANCELED.

852/03(74). AUSTRALIA-NORTHWEST COAST.

SEISMIC SURVEY IN PROGRESS UNTIL FURTHER NOTICE
BY M/V POLAR DUKE TOWING THREE MILE LONG CABLE
IN 21-13S 113-23E. WIDE BERTH REQUESTED.

(170550Z MAY 2003)

853/03. CANCELED.

854/03(GEN).

1. HYDROPAC MESSAGES IN FORCE 171000Z MAY 2003. ONLY THOSE
MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN.
2003 SERIES: 613(93), 614(61), 620(GEN), 624(GEN), 637(GEN),
638(62), 647(74), 649(71,93), 663(61), 667(62), 673(81),
690(91,93), 695(73), 696(76), 705(63), 710(63), 716(71),

SECTION III

728(95), 729(94,95), 730(95), 731(94,95), 732(71), 734(62),
 735(62), 739(95), 740(61), 743(62), 744(29), 752(62),
 755(74), 760(63), 761(63), 765(63), 766(63), 767(81),
 771(61), 773(81), 776(61), 777(62), 787(73), 797(75),
 801(72), 803(71), 816(94,97), 819(62), 820(23,29), 821(76),
 826(63), 828(63), 829(97), 832(22), 833(22), 834(62,63),
 837(63), 839(63), 843(81), 846(63), 848(97), 849(81),
 852(74), 853(81).

2. THE SUMMARY OF ALL HYDROPAC MESSAGES IN FORCE AS OF 12 DEC 2002
 IS GIVEN IN SEC III OF NM 52/02. WARNINGS ISSUED DURING THE
 SUBSEQUENT QUARTERS ARE SUMMARIZED IN NM 13/03.

3. CANCEL HYDROPAC 1557/00, 1556/01, 575/03, 600/03, 601/03, 807/03.

(171025Z MAY 2003)

855/03. CANCELED.

856/03(62). GULF OF SUEZ.

1. PIPELINE OPERATIONS IN PROGRESS UNTIL 16 JUN
 BY BARGES VICINITY OF TRACKLINE BETWEEN
 27-51.38N 033-42.75E AND 27-52.52N 033-41.26E.
 WIDE BERTH REQUESTED.
 2. CANCEL THIS MSG 17 JUN.

(171055Z MAY 2003)

857/03. CANCELED.

858/03(63). INDIAN OCEAN.

VESSEL PRECIOUS DRAGON, ENGINE ROOM FLOODED
 AND ADRIFT IN 06-40.65N 085-17.54E. VESSELS
 IN VICINITY REQUESTED TO KEEP A SHARP
 LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO
 MRCC HONG KONG, TELEX: 8028 2952.

(172235Z MAY 2003)

859/03(71). SOUTH CHINA SEA.

SEISMIC SURVEY IN PROGRESS UNTIL FURTHER
 NOTICE BY M/V GECO EAGLE TOWING FOUR MILE LONG
 CABLES IN AREA BETWEEN 06-27N 06-42N AND
 115-32E 115-54E. WIDE BERTH REQUESTED.

(180040Z MAY 2003)

860/03(81). NORTH PACIFIC.

DISTRESS SIGNAL RECEIVED ON 406 MHZ IN
 02-02.3N 151-19.1E AT 172230Z MAY.
 VESSELS IN VICINITY REQUESTED TO KEEP
 A SHARP LOOKOUT, ASSIST IF POSSIBLE
 REPORTS TO RCC GUAM, TELEX: 392401,
 PHONE: 671 339 6100, FAX: 671 339 6210.

(180115Z MAY 2003)

861/03. CANCELED.

862/03(63). INDIA-EAST COAST. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 220530Z TO 220730Z MAY WITHIN
 11 MILES OF 13-07.2N 080-18.1E.
 2. CANCEL HYDROPAC 861/03(76,83), FALSE ALERT.
 3. CANCEL THIS MSG 220830Z MAY.

(191255Z MAY 2003)

863/03(63). INDIA-WEST COAST. ROCKETS.

1. HAZARDOUS OPERATIONS 1330Z TO 1600Z DAILY
 21 AND 22 MAY WITHIN 75 MILES OF
 08-31.9N 076-52.1E.
 2. CANCEL THIS MSG 221700Z MAY.

(191400Z MAY 2003)

864/03(GEN). GPS SATELLITE SYSTEM.

1. PRN 23 UNUSABLE 222115Z TO 230915Z MAY.
 2. CANCEL THIS MSG 231015Z MAY.

(191815Z MAY 2003)

865/03(81). CAROLINE ISLANDS.

43 FOOT S/V, BLACK AND RED HULL, OVERDUE
 PALAU TO SATAWAL ISLAND. VESSELS IN
 VICINITY REQUESTED TO KEEP A SHARP LOOKOUT,
 ASSIST IF POSSIBLE. REPORTS TO RCC GUAM,
 TELEX: 392401, PHONE: 671 339 6100.

(192248Z MAY 2003)

SECTION III

NM 23/03

866/03. CANCELED.

867/03(63). BAY OF BENGAL.

1. DERELICT VESSEL BENNAYAADRIFT VICINITY 08-31.7N 088-36.1E.
2. CANCEL THIS MSG 27 MAY.

(200940Z MAY 2003)

868/03. CANCELED.

869/03(61). INDIAN OCEAN. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 231000Z TO 231100Z MAY
IN AREA BOUND BY
20-55.0S 055-12.0E, 20-58.6S 055-10.0E,
21-01.0S 055-00.0E, 20-52.0S 055-00.0E.
2. CANCEL THIS MSG 231200Z MAY.

(210650Z MAY 2003)

870/03(81,97). NORTH PACIFIC. HAZARDOUS OPERATIONS.

1. SATELLITE RE-ENTRY 252200Z TO 252359Z MAY, ALTERNATE
262130Z TO 262359Z, 272100Z TO 272330Z,
282030Z TO 282300Z, 292000Z TO 292230Z
AND 301930Z TO 302200Z MAY
IN AREA BOUND BY
24-23-14N 148-15-21E, 21-50-24N 155-02-46E,
20-29-45N 154-28-38E, 23-08-13N 147-41-24E.
2. CANCEL THIS MSG 302300Z MAY.

(210920Z MAY 2003)

MARAD ADVISORIES

MARAD ADVISORIES rapidly disseminate information on government policy, danger and safety issues pertaining to vessel operations and other timely maritime matters. They are periodically issued by the U.S. Maritime Administration (MARAD) to vessel masters, operators, and other U.S. maritime interests.

The text of all in-force MARAD ADVISORIES may be obtained by accessing the NIMA Maritime Safety Information website (http://164.214.12.145/warn/warn_j_query.html), by referring to Section I (paragraph 50) of US Notice to Mariners 1/03 for those in-force as of 19 December 2002, or by contacting the Maritime Administration Office of Ship Operations, Code MAR-613, Room 2123, 400 Seventh Street S.W., Washington DC 20590, Telephone (202) 366-5735, FAX (202) 366-3954, TLX II 710-822-9426 (MARAD DOT WSH).

MARAD ADVISORIES in force 21 May 2003: 00-7, 01-1, 01-7, 02-2, 02-5, 02-7 and 03-4.

SPECIAL WARNINGS

SPECIAL WARNINGS, primarily intended to announce official government proclamations affecting shipping, are broadcast as needed. They are numbered consecutively and further promulgated in the Notice to Mariners.

The text of all in-force SPECIAL WARNINGS may be obtained by accessing the NIMA Maritime Safety Information website (http://164.214.12.145/warn/warn_j_query.html) or by referring to Section I (paragraph 7) of US Notice to Mariners 1/03 for those in-force as of 19 December 2002 and in Notice to Mariners 14/03.

SPECIAL WARNINGS in force 21 May 2003: 1, 29, 77, 81, 82, 89, 92, 95, 107, 108, 111, 113, 114, 115, 116, 117, 118, 119, 120 and 121.

MARINE INFORMATION**NEW EDITION OF COAST PILOT**

U.S. Coast Pilot 6, Great Lakes, Thirty-Third Edition, is ready for issue and may be obtained from:

Federal Aviation Administration
National Aeronautical Charting Office
Distribution Division, AVN-530
6303 Ivy Lane, Suite 400
Greenbelt, MD 20770-6325

and authorized sales agents of the National Ocean Service. Price \$26.00.

The 2003 Edition cancels the preceding 2002 Edition.

All corrections to the previous edition issued in Notice to Mariners are incorporated in this edition.

Mariners are encouraged to use the convenient "RECORD OF CHANGES" form on Page VI of this book. All Coast Pilot changes published in the U.S. Coast Guard Local Notice to Mariners, National Imagery and Mapping Agency Notice to Mariners, and on the Internet at <http://critcorr.ncd.noaa.gov/> are serially numbered (i.e., Change No. 1, Change No. 2, etc.) to assist you in tracking the changes.

MARINE INFORMATION REPORT AND SUGGESTION SHEET INSTRUCTIONS

We value your suggestions to improve our products. The Marine Information Report and Suggestion Sheet is provided for users to submit corrective information. Please be complete and accurate in your description/suggestion and include the information as detailed below:

Observer: name(s) of person(s) making observation and rank, rate or title.

Ship/Organization: name of vessel or organization.

Address: complete mailing address. Also include telephone number, fax, and/or e-mail address, if available, in case clarification is required.

Date of Observation: day, month and year at which the observation was made.

Time of Observation: local time at which the observation was made.

Latitude/Longitude: exact position of the observation expressed as accurately as possible.

Datum: horizontal datum to which the observed position is referred (e.g. WGS, NAD83, local foreign datum, etc.).

Navigation System: method used to determine the position of the observation (e.g. radar, GPS, Loran, etc.).

Include details about the equipment used, if deemed pertinent.

Verified by Navigator: indicate whether observation was verified by navigator.

Product(s) Affected: product number(s) and/or name(s) to which the observation applies (e.g. Chart 62400, Sailing Directions Pub. 127, etc.).

Edition: edition number and/or year of affected product.

Latest correction applied: the latest Notice to Mariners to which your copy of affected product has been corrected.

Sounding sensor or method used: equipment or method used to collect soundings. When reporting soundings, please provide an annotated echogram, if available, for verification.

Soundings corrected for draft: indicate whether soundings have been corrected for vessel's draft. If not, please include observed draft along with the details of information reported.

Details of Information Reported: use this space to provide details of the observation/suggestion. When referring to a charted feature, please describe it exactly as it appears on the chart. When referring to a publication, please indicate page number(s) and line number(s) or station number(s) as applicable. Use additional sheets as necessary and include diagrams, photocopies of the product(s) involved and/or photographs to describe observations in greater detail. If possible, include the designation, point of contact, telephone number, fax number and/or e-mail address of the local port authority to enable NIMA to update our records and obtain additional or later information.

User Feedback: use this space to provide feedback and suggestions for improving NIMA's products and services.

Please detach, fold and mail the pre-addressed form and include any other relevant material or supporting information.

Reports which present an immediate hazard to navigation should be sent to the nearest NAVAREA Coordinator via coast radio stations. In general, these hazards would include major aids to navigation anomalies, discovery of obstructions or shoals with depths of less than 30 meters, floating dangers to shipping, and any situation deemed critical to safety of life at sea. For further information consult Notice to Mariners No. 1, paragraph 44 (Worldwide Navigational Warnings Service).

Due to the large volume of information received, NIMA cannot acknowledge receipt of every report. Some reports containing useful data are filed for use in the compilation of the next edition of the affected product. Others confirm or clarify previously reported information. Echogram traces are digitized and become part of NIMA's Bathymetric Data Base. Acknowledgment is made by inclusion in the Observer's List of the Notice to Mariners (page ii), or in some cases by letter from the Agency involved.

For additional information about various Hydrographic Reports, consult The American Practical Navigator (Chapter 30).

MARINE INFORMATION REPORT AND SUGGESTION SHEET

Observer _____ Ship/Organization _____

Address _____

Email address

Date of Observation _____ Time of Observation (Local)_____

Latitude _____ Longitude _____ Datum _____

Navigation System _____ Verified by Navigator: Yes _____ No _____

Product(s) Affected	Edition
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Latest correction applied: N.M. _____

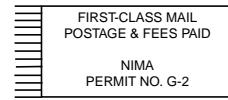
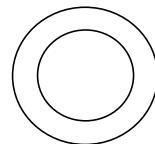
Details of Information Reported (continue on additional sheets as necessary) _____

Digitized by srujanika@gmail.com

User Feedback (continue on additional sheets as necessary)



**MARITIME SAFETY INFORMATION DIVISION
ST D44
NATIONAL IMAGERY AND MAPPING AGENCY
4600 SANGAMORE ROAD
BETHESDA MD 20816-5003**



ARCTIC MARITIME SAFETY INFORMATION REPORT SHEET

Observer _____

Ship/Organization _____

Phone _____ Email Address_____

Describe Hazard (e.g. dredge, buoy, current meter, operations): _____

Depth water column is occupied (e.g. "bottom to surface", "surface to 500m"): _____

Date of Insertion _____ Date of Removal _____

If observed, Date _____ Time (Local) _____

Latitude _____ Longitude _____ Datum _____

Navigation System _____ Verified by Navigator: Yes _____ No _____

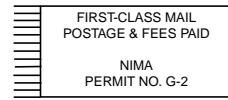
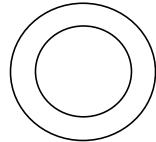
Sounding sensor or method used _____

Sounding(s) corrected for draft: Yes _____ No _____

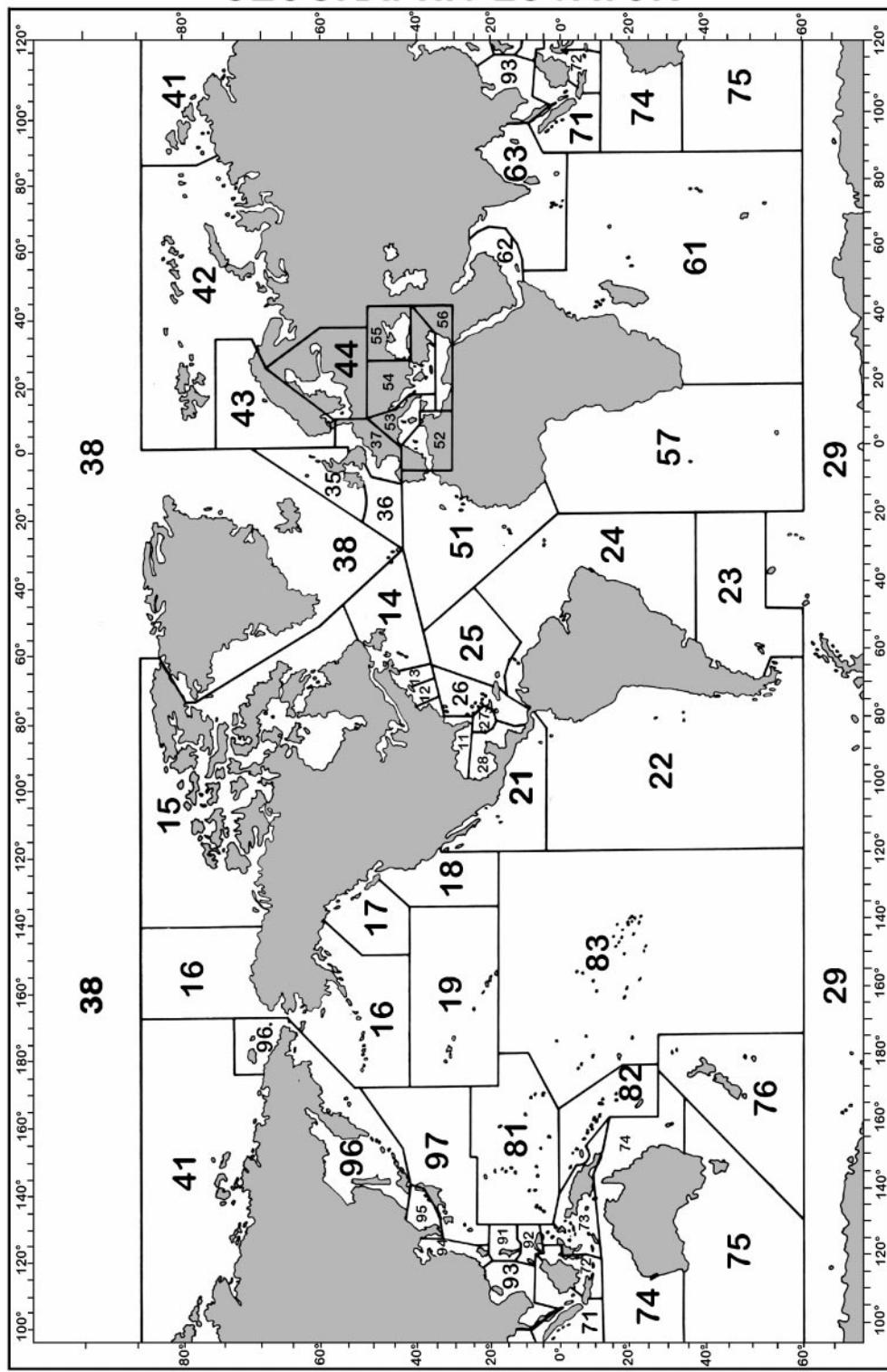
Details of Information Reported (continue on additional sheets as necessary): _____



**MARITIME SAFETY INFORMATION DIVISION
ST D44
NATIONAL IMAGERY AND MAPPING AGENCY
4600 SANGAMORE ROAD
BETHESDA MD 20816-5003**



GEOGRAPHIC LOCATOR



For chart numbering purposes, the world is divided into nine regions, each corresponding to the geographic limits of one of the nine regions in the NIMA Catalog of Maps, Charts, and Related Products, Part 2-Hydrographic Products, Volume 1. Each Region is further subdivided into the numbered Subregions in the above graphic. The first two digits of all five-digit chart numbers indicate the geographic subregion to which the chart pertains. Users can locate corrections in this Notice for charts of their immediate interest by determining the two-digit Subregion number of the pertinent geographic area, and then turning to the page or pages that list the chart numbers beginning with those two digits.

AFTER 5 DAYS RETURN TO

DEFENSE SUPPLY CENTER RICHMOND

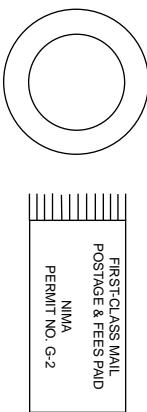
ATTN: JNAH

8000 JEFFERSON DAVIS HIGHWAY
RICHMOND, VIRGINIA 23297-5338

OFFICIAL BUSINESS

PENALTY FOR PRIVATE USE \$500

FIRST CLASS



**IMPORTANT
NAVIGATIONAL INFORMATION
TIME-DATED**



**NOTICE TO
MARINERS**

PLEASE EXPEDITE DELIVERY